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COPY

COMMONWEALTH OF AUSTRALIA.

BUREAU OF METEOROLOGY

RESULTS

OF

RAINFALL OBSERVATIONS

MADE IN

QUEENSLAND

District 40

(SOUTH COAST—MORETON)

INCLUDING RAINFALL TABLES, DISCUSSION OF RAINFALL IN DISTRICTS AND ITS RELATION TO PRINCIPAL INDUSTRIES

ALSO

TEMPERATURE AND HUMIDITY TABLES FOR CERTAIN SELECTED STATIONS AND RECORDS OF CYCLONES AND FLOODS.

1940

Published by Authority of the Honorable the Minister of State for the Interior
UNDER THE DIRECTION OF

W. S. WATT,
COMMONWEALTH METEOROLOGIST.

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C.7405/40.

ADDENDUM.

NOTE ON TROPICAL CYCLONES—Page 9.

DANGEROUS SEMI-CIRCLE.—The left-hand semi-circle of the storm is said to be the most dangerous, because "a ship caught in it tends to be blown towards the path over which the vortex will pass or the storm may recurve and the vortex pass over her." (*Admiralty Weather Manual*, 1938.)

Another authority states: "In the right rear quadrant (Northern Hemisphere) the winds blow strongly in the same general direction as that in which the cyclone is travelling. Winds are strongest in the right half, while in the left half they are much weaker with a general movement back along the line of advance." (Cline; *Tropical Cyclones.*) The reverse applies in the Southern Hemisphere.

In the case of a storm crossing the coast line if the vortex passes to the right of a place relative to the direction in which it is moving or directly over a place the winds are more severe and the tide is high because the winds blow more or less directly towards the shore. If the storm passes over the coast to the left of a place the tide is not so high and tends to go below normal, because the winds blow more or less directly off shore. (Adapted from *Hurricanes*, Tannehill.) These remarks apply to the Southern Hemisphere.

C.14033/40.

RESULTS OF RAINFALL OBSERVATIONS MADE IN QUEENSLAND, PAPUA, AND MANDATED TERRITORY OF NEW GUINEA.

(Supplementary Volume.)

Commonwealth of Australia,
Department of the Interior,
Central Meteorological Bureau,
Melbourne, C.1, 25th January, 1940.

Memorandum to—
The Honorable the Minister of State for the Interior,
Canberra,
Australian Capital Territory.

Volumes have previously been published by this Bureau giving the results of rainfall observations in each State of the Commonwealth from the earliest years of record up to 1913 (in the case of Queensland, Papua and the South Pacific), 1914 (New South Wales), 1917 (South Australia and the Northern Territory), 1926 (Western Australia), 1934 (Tasmania), and 1936 (Victoria).

The publication of these volumes was undertaken with a view to meeting economically and readily many of the constant demands made on the Bureau for rainfall and other data by agricultural and pastoral interests, banks, engineers, manufacturers, contractors, the Press, Government Departments, &c., as well as by scientific institutions, research workers and others.

The present volume brings the published rainfall information for Queensland, Papua and the Mandated Territory of New Guinea up to the end of 1938.

In this issue, somewhat fundamental changes in the form of publication and subject matter have been made. Hitherto the data have been published in one volume covering the whole State. Realizing, however, that most primary producers have interests only in relatively small areas of the State, it has been decided to issue the publication in sections, as well as in one volume, each section relating to one or more rainfall districts. These districts (Nos. 27–45) are shown on the map facing the index (page 6), together with locations of rainfall stations for which complete tabulations of monthly and annual rainfall are published.

Tabular statements of rainfall at 1,400 stations are given for the years 1913–1938 inclusive, together with averages for the stations determined from all yearly totals on record. Other tables show monthly figures over the whole period of records at 388 selected stations. The average rainfall distribution over the State is set out in isohyetal maps for each month and the year. Enlarged maps of districts 31 and 32 and Districts 39, 40 and 41 are also given.

Appendices give monthly and yearly means and extremes of temperature and means of humidity, cloud and pressure at Brisbane (Dist. 40), Cloncurry (Dist. 29), Cairns (Dist. 31), Townsville (Dist. 32), Rockhampton (Dist. 39), Toowoomba (Dist. 41), Charleville (Dist. 44), Port Moresby and Rabaul. Records of heavy rainfalls, sunshine and wind are also included for Brisbane.

The rainfall totals for the year 1938 are presented in a separate table.

In addition to the usual climatological data, an important addition to the present volume is a discussion of the incidence and reliability of rainfall in each district. This should prove of value to those concerned with problems of development as well as to prospective settlers and others who may wish to ascertain the "rainfall factor" in chances of success or failure for any particular type of primary industry in the district under consideration.

At the end of the discussion will be found a brief summary of the principal industries in each division, together with an indication in most cases of the approximate limits of rainfall necessary for successful production. This summary has been made possible by the co-operation of the Queensland Department of Agriculture and of the Postmasters at various centres, who have kindly collected and supplied much valuable information for this purpose.

It is regretted that more advantage of this information could not be taken, and a complete study of the rainfall in terms of the requirements of each industry made, but time would not permit of such a venture. It is hoped, however, that opportunity to pursue a study along these lines will arise at a later date. The figures in the tables are expressed in a manner designed to assist any one acquainted with the rainfall requirements of any industry to determine the suitability or otherwise of a region for that particular industry, based on rainfall experience of the region over the years of record.

The data, notes, and maps have been compiled under the supervision of Mr. J. C. Foley B.Sc. (Supervising Meteorologist, Climatological Section), while the maps were prepared for reproduction by Messrs. P. L. R. Browne and C. Bloch, Bureau Draughtsmen. The Climatological and Research Sections co-operated in the discussion of the rainfall which has been prepared by Mr. J. F. McConnell, B.Sc. All the work has been carried out with extreme care and accuracy.

I take the opportunity of expressing my great appreciation of the valuable service in the cause of Meteorology voluntarily rendered by rainfall observers in Queensland, Papua and the Mandated Territory of New Guinea. Additional observers are required in sparsely settled districts, and rain gauges will be issued, free of cost, to persons living in localities not within ten miles of an existing gauge, providing they undertake to keep a proper record of the rainfall and forward monthly returns regularly to the Bureau.

W. S. WATT,
Commonwealth Meteorologist.

TABLE OF CONTENTS.

PAGE

Index to Rainfall Stations 5–6

Table of Mean District Rainfall (District 40) Monthly and Annual 1913 to 1939 inclusive 7

Tropical Cyclones affecting Queensland—General Summary and List of Storms 8–14

List of Heavy Rains (10 inches and over in 24 hours) recorded at Stations in District 40 14–15

The Queensland Flood Warning Service. Tables of Maximum Flood Heights recorded in Brisbane, Mary and Pine Rivers and Tributaries. Notes on Floods 16–34

Relation between Extensive or Heavy Rains in Queensland and Pressure Distribution over Australia .. 35–37

Discussion of Incidence and Reliability of Rainfall in Districts, with Notes on Requirements of Principal Industries 38–48

Rainfall Tables—

I. Showing Monthly and Yearly Totals for all Years of Record at 34 Stations in District 40 49–58

II. Showing Annual Rainfall Totals 1913–1937 at all Stations in District 40 59–80
Annual Rainfall Totals in District 40 for Year 1938 81

Table showing Monthly and Annual Normals of Temperature and Humidity at Climatological Stations in District 40 82

Tables of Monthly and Annual Values of Pressure, Temperature, Humidity, Rainfall, Cloud, Sunshine, and Wind, at Brisbane for all Years of Record 83–110

Maps—

Contours, Climatological Districts and Rainfall Stations.

Chart illustrating Path of a Cyclone striking the Central Queensland Coast.

Queensland Catchment Areas and Flood Warning Stations.

Average Annual Rainfall Map of Queensland, with enlargements of North and South Coast Divisions.

Average Monthly Rainfall Maps of Queensland, with enlargements of North and South Coast Divisions.

INDEX TO QUEENSLAND RAINFALL STATIONS IN DISTRICT 40.

PAGE

Abbotsford 59, 81
Acacia Vale 59, 81
Allora 40
Amamoor 59, 81
Amamoor Forest 59, 81
Anderleigh 59, 81
Anglesey 14, 59
Archerfield Aerodrome (formerly Eagle Farm Aerodrome, Brisbane) 14, 59, 81
Ascot Racecourse (Brisbane) 14, 59, 81
Ascot Railway Station (Brisbane) .. 59
Ashwell 59
Avonmore 59, 81
Bald Hills (Brisbane) .. 14, 40, 49, 59, 81
Bald Knob 60, 81
Banks Creek 60, 81
Barambah 60, 81
Bargara 14, 60
Bauple 60, 81
Beauderset 40, 49, 60, 81
Beechmont 60, 81
Beenleigh 14, 60, 81
Beerwah 60, 81
Belli Park 60
Bellthorpe 60, 81
Benarkin 60, 81
Biggenden 40, 49, 61, 81
Blackbutt 61, 81
Bli Bli 61, 81
Bogga Road Junction (Brisbane) .. 14
Bonita 81
Boonah 61, 81
Boonara 61, 81
Boondooma 61
Booval 61
Bribie Island (Brisbane) 61, 81
Brisbane Botanic Gardens .. 14, 61, 81
Brisbane Show Grounds .. 14, 61, 81
Brisbane Weather Bureau .. 14, 81, 83–110
Bromelton Station 61
Brookfield (Brisbane) 14, 61
Brooyar 81
Bryn Euryn 61, 81
Buderim Mountain .. 14, 62, 81
Bulimba (Brisbane) 14
Bunjurgen 62, 81
Bunya Mountain 62, 81
Burpengary 14, 62, 81
Burrandowan 62
Caboolture 14, 62, 81
Caboonbah 62
Caloundra Lighthouse .. 14, 62, 81
Caloundra Post Office 81
Camp Mountain 14, 62, 81
Cannon Hill State School (Brisbane).. 62, 81
Canungra.. .. .. .. 62, 81
Cape Moreton 14, 49, 50, 62, 81
Carina (Brisbane) 63, 81
Casey's Gully 81
Cedar Glen 14, 63, 81
Central Kin Kin 14, 63, 81
Chinchilla 40
Christmas Creek 63, 81
Cleveland 14, 63, 81
Cloyna 63, 81
Coalstoun Lakes 63, 81
Colton 14, 63, 81
Conondale 81
Coolangatta 14, 63, 81
Cooloolabin 14, 63
Cooloolabin State Forest 63, 81
Coolum 63, 81
Coombah 64
Coominya 64, 81
Coondoo 81
Cooran 14, 40, 50, 64, 81
Cooroy 14, 40, 50, 64, 81
Coorparoo (Brisbane) 64, 81
Cooyar 64, 81
Cowan Cowan 64, 81
Crohamhurst .. 14, 40, 50, 51, 64, 81
Dalby 40

PAGE

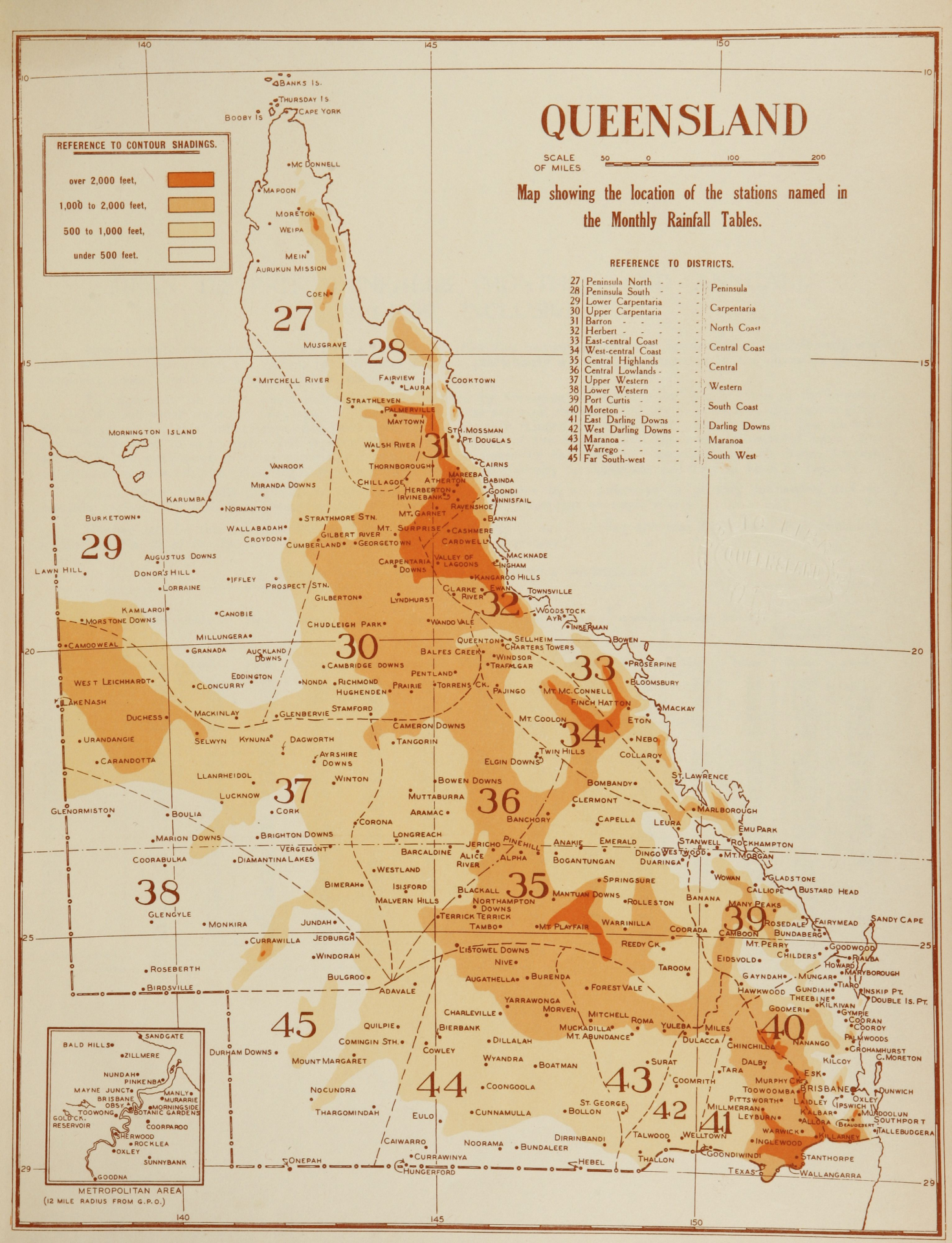
Dayboro 64, 81
Deongwar 81
Derrylin 64, 81
Diddillibah 64, 81
Dinmore 64, 81
Double Island Point .. 40, 51, 65, 81
Dunwich 14, 40, 51, 65, 81
Dutton Park (Brisbane) 65, 81
Emscote Farm (formerly Dunira) .. 65
Enoggera Railway Station (Brisbane) 14, 65, 81
Enoggera Reservoir (Brisbane) 14, 65, 81
Enterprise State School 65, 81
Ernest Junction 14, 65, 81
Esk 14, 40, 51, 65, 81
Eskdale West 81
Eumundi 14, 65, 81
Fairview 65, 81
Fassifern 14
Forest Hill 65, 81
Foxley 66, 81
Gatton College 66, 81
Gatton Post Office 66, 81
Gayndah 40
Gigoomgan 66, 81
Glass House Mountains .. 14, 66, 81
Glenbar 66
Gleneagle 66
Glen Lamington 66, 81
Gold Creek Reservoir (Brisbane) 14, 66, 81
Goodger 66, 81
Goodna Mental Hospital, " Woogaroo " (Brisbane) 66, 81
Goodna Post Office (Brisbane) 14, 66, 81
Googa Creek 67, 81
Goomboorian (formerly Ross Creek) .. 67
Goomeri 40, 52, 67, 81
Gordon Brook 67
Grandchester 67, 81
Gundiah 40, 52, 67, 81
Gympie 14, 40, 52, 67, 81
Harlin 67
Harrisville 67, 81
Hatton Vale 67, 81
Hawkwood 40
Helidon 67, 81
Hillcrest 14, 67
Hillview 14, 68, 81
Howard 40, 52, 68, 81
Imbil 68, 81
Imbil Forest Reserve 68, 81
Indooroopilly (Brisbane) .. 14, 68, 81
Ingham 68
Inskip Point 14, 40, 53, 68, 81
Ipswich 40, 53, 68, 81
Ipswich Pumping Station 68
Ipswich (Roderick-street) 68
Jimbun (formerly Kannangur and Cressbrook) 68
Jimni 68, 81
Johnstown, " Garoon " 69
Kabunga 69, 81
Kalbar 40, 53, 69, 81
Kandanga 69, 81
Kenilworth 69, 81
Kia Ora 69, 81
Kilcoy 40, 53, 69, 81
Kilkivan 14, 40, 53, 69, 81
Killarney 40
Kingaroy 69, 81
Kumbia 69, 81
Kuraby 69, 81
Laidley 40, 53, 69, 81
Lake Manchester (Brisbane) .. 70, 81
Lamington (Wyvern) 70, 81
Landsborough 14, 70, 81
Louisavale 81
Lowood 70, 81
Lytton 14
Maleny No. 1 70
Maleny Post Office .. 14, 70, 81
Manly (Brisbane) 14, 40, 55, 70, 81
Manumba 81

PAGE

Mapleton 14, 70, 81
Marburg Post Office 70, 81
Marburg No. 2 .. .. .. 70, 81
Marlborough 14
Maroochydore 70, 81
Maryborough 40, 55, 70, 81
Mary Smokes (Avondale) 71, 81
Mayne Junction (Brisbane) 14, 71, 81
Meandu Creek 81
Merlwood 71, 81
Milton (Brisbane) 14, 71, 81
Miva 71, 81
Montville 14, 15, 71, 81
Moogera 71, 81
Mooloolah (formerly Glen Farm) 15, 71, 81
Moore 71, 81
Morningside (Brisbane) .. 15, 71, 81
Mount Alford 71, 81
Mount Alford (Mountain View) .. 71
Mount Brisbane 72, 81
Mount Cotton 15, 72, 81
Mount Crosby 15, 72, 81
Mount Gipps 72, 81
Mount Gravatt (Brisbane) .. 15, 72, 81
Mount Mee 15, 72
Mount Woot-tha 72
Mundoolun 15, 40, 55, 72, 81
Mungar Junction 40, 56, 72, 81
Murarrie (Brisbane) .. 15, 72, 81
Murgon 72, 81
Murphy's Creek 40, 56, 72, 81
Myola (formerly Tamrookum) .. 73, 81
Nambour 15, 73, 81
Nanango 15, 40, 56, 73, 81
Narangba 73
Nerang 15, 73, 81
Neygoonby (Cinnabar) 73
North Deep Creek 73, 81
Nudgee College (Brisbane) 15, 81
Nukinenda 73
Nundah (Brisbane) 15, 40, 56, 57, 73, 81
Nyama 73, 81
One Mile (Gympie) 15
Ormesby 73, 81
Oxenford 73, 81
Oxley (Brisbane) .. 15, 40, 57, 74, 81
Palen Creek 81
Palmwoods 15, 40, 57, 74, 81
Peachester 15, 74, 81
Pechey (formerly Crow's Nest) .. 74, 81
Petrie (formerly Pine River North) 15, 74, 81
Pialba 15, 40, 57, 74, 81
Pimpana 74
Pine Mountain, " Viewmount " .. 74
Pinkenba (Brisbane) .. 15, 74, 81
Plain View 74, 81
Pomona 74, 81
Proston 81
Rathdowney 74, 81
Ravensbourne 75, 81
Redbank 75, 81
Redcliffe 15, 75, 81
Retreat 75, 81
Riverview 75
Roadvale 75, 81
Robert's Plateau 75, 81
Rocklea (Brisbane) .. 15, 75, 81
Rockview 75, 81
Rosevale 75, 81
Rosewood 75, 81
Ross Creek 81
Russell Island 75
St. Helena Island .. 15, 76, 81
St. Lucia.. 77
Samford (Brisbane) 76, 81
Samson Vale 76, 81
Sandgate (Brisbane) .. 15, 76, 81
Sandy Cape 40
Sandy Creek 15, 76, 81
Sherwood(Brisbane) .. 15, 76, 81
Sim Jues Creek 81
Sinia (formerly Oakview) 76, 81

INDEX TO QUEENSLAND RAINFALL STATIONS IN DISTRICT 40—*continued.*

	PAGE
Skyring Creek	76
Somerset Dam	81
South Passage	67
Southport	15, 40, 57, 58, 76, 81
Speedwell	76, 81
Springbrook	15, 76, 81
Sunnybank (Brisbane)	15, 77, 81
Taabinga	77, 81
Tabooba	77, 81
Tallebudgera	15, 40, 58, 77, 81
Tambourine Mount	15, 77, 81
Taringa (Brisbane)	77, 81
Tarome	77, 81
Tarong	77, 81
Tewantin	15, 77, 81
Theebine	40, 58, 77, 81
The Grange (Nanango)	77, 81
The Grange (Mount Mellum)	78, 81
Thornton	78, 81
Tiaro	40, 58, 78, 81
Tipperary	78, 81
Tomewin	15, 78, 81
Toogoolawah	78, 81
Toombul (formerly Clayfield, Brisbane)	78
Toowong (Brisbane)	15, 78, 81
Toowoomba	40
Torbaulea	78
Traveston Railway Station	78, 81
Valley View	78, 81
Veresdale	78
Viewmont	81
Wamuran	79
Wanerva	79, 81
Watervaal	79, 81
Windera Creek	79, 81
Winfield	81
Wolvi	79, 81
Wondai	79, 81
Woodford	15, 79, 81
Woodlands, via Marburg	79
Woody Island	15, 79
Woogaroo (Brisbane)	15
Woolooga	79, 81
Wooloowin (Brisbane)	79, 81
Woombye	15, 80
Wooroolin	80
Wungoolba (Fraser Island)	80, 81
Wyamba	80
Wynnum (Brisbane)	15, 80, 81
Yandina	15, 80, 81
Yarraman Creek	80, 81
Yednia	81
Yellow Patchlight	80
Yengarie	80, 81
Yerongpilly	80
Zillmere (Brisbane)	15, 80, 81


QUEENSLAND
SCALE OF MILES 50 0 100 200
Map showing the location of the stations named in the Monthly Rainfall Tables.
REFERENCE TO CONTOUR SHADINGS.
over 2,000 feet,
1,000 to 2,000 feet,
500 to 1,000 feet,
under 500 feet.
REFERENCE TO DISTRICTS.
27 Peninsula North - - - Peninsula
28 Peninsula South - - -
29 Lower Carpentaria - - Carpentaria
30 Upper Carpentaria - -
31 Barron - - - - - North Coast
32 Herbert - - - - -
33 East-central Coast - - Central Coast
34 West-central Coast - -
35 Central Highlands - - Central
36 Central Lowlands - - -
37 Upper Western - - - Western
38 Lower Western - - -
39 Port Curtis - - - - South Coast
40 Moreton - - - - -
41 East Darling Downs - - Darling Downs
42 West Darling Downs - -
43 Maranoa - - - - - Maranoa
44 Warrego - - - - -
45 Far South-west - - South West
BANKS IS.
THURSDAY IS.
BOOBY IS
CAPE YORK
MC DONNELL
MAPOON
MORETON
WEIPA
MEIN
AURUKUN MISSION
COEN
MUSGRAVE
MITCHELL RIVER
FAIRVIEW
LAURA
COOKTOWN
STRATHLEVEN
PALMERVILLE
MAYTOWN
STH. MOSSMAN
PT. DOUGLAS
WALSH RIVER
MORNINGTON ISLAND
VANROOK
MIRANDA DOWNS
THORNBOROUGH
CHILLAGOE
MAREEBA
ATHERTON
BABINDA
CAIRNS
HERBERTON
IRVINEBANK
GOONDI
INNISFAIL
KARUMBA
NORMANTON
RAVENSHOE
BURKETOWN
STRATHMORE STN.
MT. GARNET
BANYAN
WALLABADAH
MT. SURPRISE
CASHMERE
CROYDON
GILBERT RIVER
CUMBERLAND
GEORGETOWN
CARDWELL
AUGUSTUS DOWNS
MACKNADE
LAWN HILL
DONOR'S HILL
CARPENTARIA DOWNS
VALLEY OF LAGOONS
INGHAM
IFFLEY
PROSPECT STN.
KANGAROO HILLS
LORRAINE
GILBERTON
LYNDHURST
CLARKE RIVER
EWAN
TOWNSVILLE
KAMILAROI
CANOBIE
WOODSTOCK
MORSTONE DOWNS
CHUDLEIGH PARK
WANDO VALE
AYR
INKERMAN
MILLUNGERA
QUEENTON
SELLHEIM
BOWEN
CAMOOWEAL
GRANADA
AUCKLAND DOWNS
BALFES CREEK
CHARTERS TOWERS
CAMBRIDGE DOWNS
WINDSOR
TRAFALGAR
PROSERPINE
EDDINGTON
PENTLAND
WEST LEICHHARDT
CLONCURRY
NONDA
RICHMOND
HUGHENDEN
PRAIRIE
TORRENS CK.
PAJINGO
MT. MC. CONNELL
BLOOMSBURY
LAKE NASH
FINCH HATTON
MACKAY
DUCHESS
MACKINLAY
GLENBERVIE
STAMFORD
CAMERON DOWNS
MT. COOLON
ETON
URANDANGIE
SELWYN
KYNUNA
DAGWORTH
TANGORIN
NEBO
CARANDOTTA
AYRSHIRE DOWNS
TWIN HILLS
COLLAROY
ELGIN DOWNS
LLANRHEIDOL
WINTON
BOWEN DOWNS
ST. LAWRENCE
LUCKNOW
CORK
MUTTABURRA
BOMBANDY
CLERMONT
GLENORMISTON
BOULIA
ARAMAC
MARLBOROUGH
CORONA
BANCHORY
CAPELLA
LEURA
EMU PARK
MARION DOWNS
BRIGHTON DOWNS
LONGREACH
STANWELL
ROCKHAMPTON
VERGEMONT
JERICHO
PINEHILL
ANAKIE
EMERALD
BARCALDINE
ALICE RIVER
ALPHA
DINGO
WESTWOOD
MT. MORGAN
COORABULKA
DIAMANTINA LAKES
BOGANTUNGAN
DUARINGA
WESTLAND
WOWAN
GLADSTONE
BIMERAH
ISISFORD
SPRINGSURE
CALLIOPE
BUSTARD HEAD
BLACKALL
MANTUAN DOWNS
BANANA
GLENGYLE
MALVERN HILLS
NORTHAMPTON DOWNS
ROLLESTON
MANY PEAKS
MONKIRA
JUNDAH
TERRICK TERRICK
ROSEDALE
FAIRYMEAD
SANDY CAPE
TAMBO
MT. PLAYFAIR
WARRINILLA
COORADA
CAMBOON
BUNDABERG
CURRAWILLA
JEDBURGH
REEDY CK.
MT. PERRY
GOODWOOD
LISTOWEL DOWNS
EIDSVOLD
CHILDERS
WINDORAH
NIVE
RIALBA
HOWARD
ROSEBERTH
TAROOM
MARYBOROUGH
BULGROO
AUGATHELLA
BURENDA
GAYNDAH
MUNGAR
BIRDSVILLE
ADAVALE
FOREST VALE
HAWKWOOD
TIARO
GUNDIAH
INSKIP PT.
YARRAWONGA
THEEBINE
DOUBLE IS. PT.
KILKIVAN
GOOMERI
CHARLEVILLE
MORVEN
MITCHELL
ROMA
GYMPIE
COORAN
QUILPIE
BIERBANK
MUCKADILLA
YULEBA
MILES
COOROY
COMINGIN STH.
MT. ABUNDANCE
DULACCA
NANANGO
PALMWOODS
DILLALAH
CHINCHILLA
CROHAMHURST
DURHAM DOWNS
COWLEY
C. MORETON
MOUNT MARGARET
WYANDRA
BOATMAN
SURAT
KILCOY
DALBY
TARA
ESK
COOMRITH
MURPHY CK.
NOCUNDRA
COONGOOLA
BRISBANE
DUNWICH
TOOWOOMBA
PITTSWORTH
OXLEY
IPSWICH
LAIDLEY
KALBAR
MUDDOOLUN
THARGOMINDAH
EULO
CUNNAMULLA
ST. GEORGE
BOLLON
MILLMERRAN
LEYBURN
ALLORA
SOUTHPORT
BEAUDESERT
TALLEBUDGERA
WARWICK
KILLARNEY
CAIWARRO
NOORAMA
BUNDALEER
DIRRINBANDI
TALWOOD
WELLTOWN
INGLEWOOD
ONEPAH
CURRAWINYA
HEBEL
THALLON
GOONDIWINDI
STANTHORPE
HUNGERFORD
TEXAS
WALLANGARRA
SANDGATE
BALD HILLS
ZILLMERE
NUNDAH
PINKENBA
MAYNE JUNCT
MANLY
BRISBANE
MURARRIE
OBSY
MORNINGSIDE
TOOWONG
BOTANIC GARDENS
GOLD CK. RESERVOIR
COORPAROO
HERWOOD
ROCKLEA
OXLEY
SUNNYBANK
GOODNA
METROPOLITAN AREA
(12 MILE RADIUS FROM G.P.O.)

MEAN DISTRICT RAINFALLS (MONTHLY AND ANNUAL), 1913-1939, INCLUSIVE.

Mean rainfalls over districts having similar climatic characteristics frequently provide a clearer view of rainfall variations from season to season than the records of individual stations, particularly when one is interested in the character of any particular season over a considerable area of country.

The figures in the tables which follow have been derived by averaging the monthly and yearly totals at the stations in each division which report by telegraph. If, for example, there are nine reporting stations in a district, the figures given for any month for this district represents the mean of the monthly rainfall totals at these nine stations. The stations have been selected so as to give a fair representation of the rainfall of the district, and the means so derived have been utilized in the publication of many reports and rainfall advices issued by the Bureau. Averages for each month for the 27 years of records are also given, together with annual totals from January to December, and July to June respectively.

Mean district rainfalls published in this form should be of value to all interested in primary industries, and to research workers who wish to correlate rainfall with production and consequent economic effects.

Similar data for this and other States of the Commonwealth, up to and including the year 1937, have been published in Bulletin No. 23 of the Bureau "Australian Rainfall in District Averages."

DISTRICT No. 40.—SOUTH COAST (MORETON), QUEENSLAND.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	
													January to December.	July to June.
	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.	Points.
1913	1,005	553	329	756	742	523	381	1	318	89	125	378	5,200	..
1914	377	691	882	138	516	656	267	134	139	394	161	399	4,754	4,552
1915	418	847	26	155	319	68	178	176	209	29	213	255	2,893	3,327
1916	280	654	372	818	190	270	271	254	391	515	524	637	5,176	3,644
1917	701	387	495	261	218	46	46	161	542	154	1,042	667	4,720	4,700
1918	1,067	444	393	321	291	41	34	220	208	70	204	191	3,484	5,169
1919	66	185	730	462	733	119	70	100	14	146	38	150	2,813	3,222
1920	1,498	195	261	299	385	326	358	157	302	413	484	348	5,026	3,482
1921	619	169	803	781	212	809	687	91	307	170	288	1,124	6,060	5,455
1922	292	1,008	203	41	305	216	412	38	254	132	242	468	3,611	4,732
1923	298	214	357	893	45	302	280	165	142	97	234	595	3,622	3,655
1924	296	827	422	266	246	459	621	153	224	359	556	304	4,733	4,029
1925	978	405	1,084	172	739	714	65	309	46	62	687	644	5,905	6,309
1926	489	62	273	364	308	491	78	38	373	83	74	1,181	3,814	3,900
1927	1,915	489	1,064	351	6	324	55	33	267	608	593	816	6,521	5,976
1928	664	1,995	255	1,570	229	318	138	105	47	126	167	435	6,049	7,403
1929	699	700	729	998	126	389	58	126	54	373	236	379	4,867	4,659
1930	1,034	430	458	315	827	1,077	150	204	149	228	250	228	5,350	5,367
1931	593	1,981	1,046	400	301	95	158	156	124	152	582	740	6,328	5,625
1932	79	273	168	699	212	150	53	52	367	381	230	261	2,925	3,493
1933	796	345	133	782	74	202	373	111	392	395	758	795	5,156	3,676
1934	458	1,341	190	905	470	138	437	184	134	267	630	684	5,8 8	6,326
1935	561	635	298	359	224	8	275	188	373	487	91	456	3,955	4,421
1936	544	189	720	77	274	311	160	16	100	87	189	280	2,947	3,985
1937	170	555	1,209	127	52	197	187	236	38	445	820	491	4,527	3,142
1938	893	317	691	179	1,267	254	256	122	89	334	420	44	4,866	5,818
1939	428	177	1,251	468	277	294	220	193	23	274	333	381	4,319	4,160
Average 27 years	638	595	550	480	355	326	232	138	208	255	377	493	4,647	4,620

100 points = 1 inch.

TROPICAL CYCLONES.

A detailed study of tropical cyclones was published in Bulletin No. 16, of the Bureau—"Australian Hurricanes and Related Storms" by Stephen S. Visher, M.A., Ph.D. (Chicago), &c., Professor of Geography, Indiana State University, United States of America, and Mr. D. Hodge, of the Central Weather Bureau, Melbourne.

The notes which follow relate more particularly to cyclones affecting Queensland, and are based on the above-mentioned publication, which is now out of print. The appended list of the more important cyclones which have been reported from Queensland has been revised and brought up to date.

The term "cyclone" is often applied wrongly to wind storms affecting very small areas of up to a mile or so in width and perhaps a few miles in length. A squall wind, for example, which may unroof verandahs or blow down trees is sometimes reported as a "cyclone." The most violent form of local storm of this nature is the tornado, which is usually accompanied by a typical cloud formation gyrating at high velocity and causing destruction where it descends to the ground. Such storms are probably of quite frequent occurrence in Queensland, particularly in the inland areas, and are liable to occur with depressions of tropical origin, especially when the moisture content of the air is high and the pressure gradients are weak. As the inland areas are sparsely settled, it is only occasionally that these storms happen to strike buildings or townships.

The tropical cyclone, however, is one of the major types of disturbance. It is a vast atmospheric whirl several hundred miles in diameter, in which winds blow at destructive velocities.

Tropical cyclones occur in most parts of the tropics. They are very frequent in the China Sea where they are known as typhoons. Many occur in the West Indies, Gulf of Mexico, and adjacent parts of the United States of America where they are called "hurricanes." Other regions frequented by them are the Bay of Bengal, the Arabian Sea, the South Indian Ocean, and the South Pacific.

Tropical cyclones affecting Queensland most frequently originate between 8° and 15° latitude, and move slowly in a westerly or west-south-westerly direction. At about latitude 20° they re-curve and move more rapidly in a southerly or south-easterly direction. As the cyclone passes over a region, winds blow from gale to hurricane force for some hours, and, occasionally continue for a day or two if the storm is moving slowly. Most of the cyclones affecting Queensland come from the east and approach the coast somewhere between Mackay and Cooktown. Many re-curve near the coast and pass southward, frequently as far as Brisbane, and then move off to the east-south-east. Others re-curve some distance east of the coast, near the Barrier Reef for example, and pass southward and then eastward. Others again pass inland and occasionally move westward across Northern Australia to the north-west coast of Western Australia or, perhaps, re-curve in the interior and move out to sea again across Southern Queensland.

While most cyclones lose their force shortly after moving inland, some intensify considerably on moving from the land over the sea. Occasionally a depression which has moved from the interior of the continent develops cyclonic characteristics upon reaching the coast. Heavy and widespread rains usually accompany cyclones which move inland or develop from depressions which have moved across Queensland.

The following is a copy of a wall sheet describing characteristics and signs of approach of tropical cyclonic storms on the Queensland coast issued for public information by the Commonwealth Meteorological Bureau, Melbourne, to post offices, schools, &c., at Queensland coastal towns; also to shipmasters concerned and to Queensland Navigation and Harbour departments:—

COMMONWEALTH BUREAU OF METEOROLOGY.

TROPICAL CYCLONIC STORMS ON THE QUEENSLAND COAST.—CHARACTERISTICS, SIGNS OF APPROACH, ETC.

The Red Pennant Weather Signal displayed at certain Queensland towns does not indicate that a storm is about to strike the coast.

It announces that a Weather Message has been received by the Postmaster and that, while the Red Pennant remains flying, the Post Office Notice Board should be watched for further advices.

TROPICAL CYCLONES.

The tropical cyclone consists of an atmospheric whirl, rotating "clockwise," thus:—  with spirally inflowing winds, usually attaining destructive velocities (60 to, in extreme cases, probably 120 miles per hour).

They may be expected on or to the east of the Queensland coast during the months of December, January, February, March, and April, and, occasionally, even as late as July. The late storms almost always affect the coast southwards from Rockhampton, and the centre passes southward some distance from the sea-board. Storms reaching the coast appear to originate between latitudes 8–15 degrees south and between longitudes 155 and 165 degrees east, and seldom strike the coast north from Cooktown or south from Rockhampton.

The destructive section of a hurricane is frequently less than 100 miles wide; and 150 miles may be regarded as an extreme diameter. The coast is reached by only a small proportion of the detected storms. Almost always they take a parabolic course.

The rate of movement of different storms often varies greatly, and has reached 45 miles per hour; the south-westerly movement towards the coast usually proceeds at about 17 miles per hour. Near the sea-board, while the storm is recurving, the rate is about only 5 to 10 miles per hour; after which, while moving away south-eastwards, the disturbance usually travels 20 to 30 miles per hour and becomes less violent.

Usually, from 4 to 10 o'clock, morning and evening, the barometer is rising; from 10 to 4 o'clock, day or night, it falls. In the tropics this movement amounts to about one-tenth of an inch, and is irregular when a change of weather is impending.

Ocean Swell.

A long heavy ocean swell from the direction of the storm is frequently one of the earliest warnings.

Concerning this sign, the Admiralty Hydrographic Office has published the following remarks:—

"(1) If, during the summer months, a heavy swell sets in from the north-east, and there is little or no wind at the time, bad weather is certain, for the sea is always in advance of a cyclone.

(2) If the barometer is high over a considerable portion of the coast, the storm will recurve some distance off the land.

(3) If, on the contrary, the barometer is low in front of the storm, it will blow home on the land, and probably pass inland. When this happens, the first of the gale will be southerly, and the latter part northerly.

(4) The bearing of the storm-centre will be at right angles to the waves' line. Thus, on a fine day, if there is heavier sea than usual breaking on the beach, and it is coming from the north-east, if the direction remains the same or nearly so, and the barometer is not above 30 inches, the gale will blow home on the land, and the first signs of bad weather will not precede the gale by more than twelve hours; but if the direction of the swell changes to the eastward, the storm is recurving, and the body of it will not reach the land.

(5) When the swell is from the east the storm-centre is east. When there is any southing in the line of the swell the storm has passed.

(6) No matter how threatening the weather signs may be, if the line of swell comes first from the southward, there will be only an ordinary south polar storm with low temperatures."

Cloud and Weather Indications.

Very oppressive still weather often precedes a cyclone.

The cyclone is also preceded by thin cirrus haze, causing solar and lunar halos. Later this cirrus haze becomes true cirrus, and thickens to cirro-stratus, and alto-stratus. Soon afterwards the dark rain-cloud of the cyclone appears.

With the barometer falling steadily, sometimes rapidly, the wind increasing in force from between east and south-south-east, and accompanied by heavy rainstorms which show a tendency to increase in frequency, a storm or cyclone may be expected to reach the land.

Locating the Storm Centre.

The two principal considerations are—

(*a*) the direction of the centre of the storm; and

(*b*) in which semi-circle of the storm the observer is situated.

To an observer with his back to the wind, the barometer is always lower on the right-hand side.

If the observer *faces the wind* the bearing of the centre will be from 12 to 8 points on the left hand in the Southern Hemisphere. (A point of the compass = 11¼ degrees). At the beginning of the storm allow 12 points; when the barometer has fallen three-tenths of an inch, about 10 points; and when it has fallen six-tenths or upwards, 8 points. (A right angle.)

In severe storms the barometer will fall 0.01 of an inch, or even 0.02 of an inch, with each mile of the storm's approach, and will reach a value fully 2 inches lower than that prevailing outside the storm-field. When the barometer is falling, convexity of the barograph trace shows an increasing rate of fall; whereas concavity indicates the opposite. Conversely, when the barometer is rising, increasing rate of rise produces a concave curve, and a diminishing rate causes convexity.

What are called the right and left semi-circles lie on the right and left hands respectively of an observer standing on the storm-track and facing in the direction in which the centre is moving. The left semi-circle is the more dangerous.

If the wind direction shifts to the left, the observer is in the more dangerous (left-hand) semi-circle of the storm; if the wind shifts to the right, he is in the right-hand semi-circle, where the winds are less violent; if the wind is steady in direction, but increasing in force, with a rapidly falling barometer, the observer is in the direct path of the storm.

Precautions to Adopt.

The following storm precautions were suggested by the Chamber of Commerce, Mackay, Queensland:—

(1) Many of the losses occasioned by cyclones are due to defective roofs—therefore get a plumber to attend to your roof each year.

(2) During a cyclone keep all doors and windows closed to prevent wind pressure lifting ceiling, roof, &c.

(3) French lights are often insufficiently strongly bolted to withstand wind pressure—keep a few lengths (about 4 feet) of timber to place under the locks, and nail other end to floor.

(4) Old pieces of linoleum, or other waterproof material, are valuable to patch up broken windows, thus preventing ingress of wind and rain.

(5) Pieces of 3-in. by 1-in. timber, with a T cross-piece at the end, will often serve to save the first sheet of iron coming off. The T piece should be hooked over the iron, and the long piece can be nailed to the verandah railings, &c. Always remember the loss of one sheet of iron may mean the loss of the whole roof.

Passing of the Storm-centre.

Immediately the storm-centre passes, the barometer rises and the weather commences to improve, but the wind will continue strong for some time.

If the storm-centre passes southwards, the wind direction will change to south-west and west.

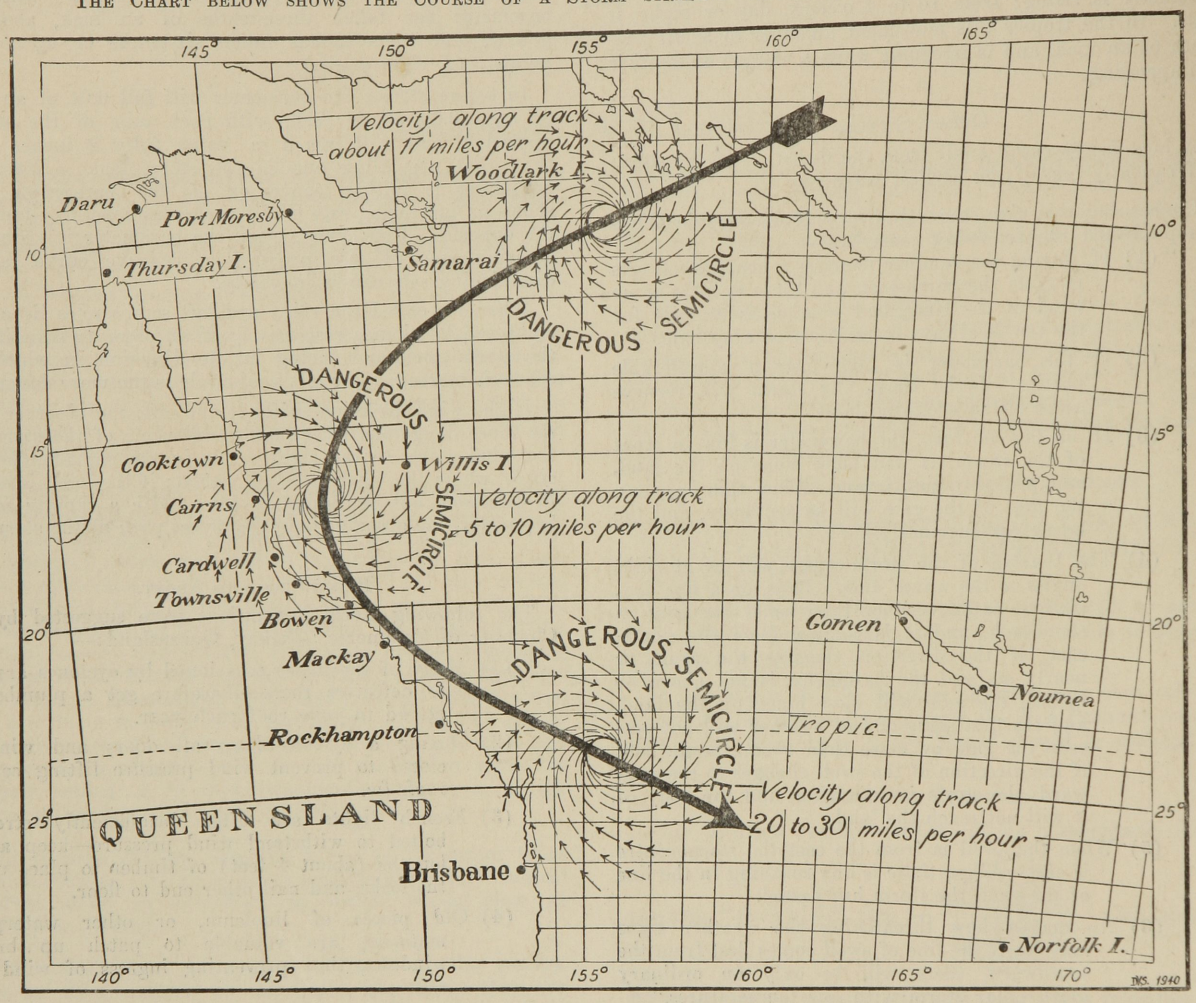
If the centre of the storm passes inland, the wind will change to north-west and north.

Storm-centres that do not Reach the Coast.

In cases where a storm will recurve at some distance from the sea-board, or "outside" the Barrier Reef, the barometer will show very little movement—it will fall slightly as the storm-centre nears—and the wind will be strong and squally from south-east to south, and accompanied by rain.

The more southerly the wind the less the danger of the storm-centre striking the coast.

THE CHART BELOW SHOWS THE COURSE OF A STORM STRIKING THE CENTRAL QUEENSLAND COAST.



LIST OF THE MORE IMPORTANT TROPICAL CYCLONES REPORTED FROM QUEENSLAND.

Particularly Disastrous Storms Underlined.

Date.	Chief Locality.	Remarks.
1867 Mar. 3–4	North-East coast to Port Denison	Severe cyclone
„ Mar. 8	Cleveland Bay, Townsville	Cyclone from N.N.E. Houses demolished. Heavy rains
„ Apl. 26–28	Brisbane–Warwick	Cyclone. Great damage over large district. Floods
1870 Jan. 30	Bowen District	Cyclone from east. Damage greater than that of cyclone of March, 1867. Heavy rains
„ Feb. 20	Townsville–Bowen	Terrific cyclone from N.N.W. Nearly every house in town damaged; several ships wrecked. Heavy floods
1873	Bundaberg	Cyclone from north-east
1874 Sept. 27	Moreton District	Some houses destroyed and others unroofed. "Extraordinary hurricane"
1875 Mar. 26	Cape Moreton, &c.	Gales on the coast and throughout the colony, heaviest known for many years
1876 Feb. 17	Townsville	Severe gale. Much damage to buildings in Townsville; very heavy weather on the coast generally
„ Mar. 21	Townsville	Heavy gale. S.S. *Banshee* totally wrecked, with loss of seventeen persons
„ June 18	Cooktown	Violent hurricanes at Cooktown
1877 Feb. 2	Conongarie–Albert River	A fearful hurricane passed over Conongarie Creek and Albert River and did great damage
1878 Mar. 8	Cairns	Terrific cyclone. Much property destroyed at Cairns
1879 Jan. 2–12	Cooktown	Cyclone from north-east. Off the coast from Cooktown, moved to Norfolk Island
„ June 2–4–25	Brisbane, &c.	Much damage done in Southern Queensland by cyclone
1880 Jan. 26	Along coast	Very heavy gales along coast from north to south for several days. Much rain
1882 Feb. 2	Cardwell	Cyclone. Considerable damage done
1884 Jan. 30	Bowen	Nearly the whole town unroofed and many places completely wrecked by severe hurricane
„ Feb. 21	Cooktown	Very heavy gale at Cooktown
1887 Mar. 4	Burketown	Cyclone
„ Mar. 12	Burketown	Cyclone. Killed five persons and damaged nearly every building in the town

LIST OF THE MORE IMPORTANT TROPICAL CYCLONES REPORTED FROM QUEENSLAND—*continued.*

Date.	Chief Locality.	Remarks.
1887 Oct. 15	Burketown	Severe gales. Considerable damage done to property
1888 Feb. 17	Mackay	Heavy gale. Two steamers wrecked and several houses demolished
,, Dec. 22	Mt. Morgan	
1889 July 17	Brisbane	Heavy floods caused by passage of tropical cyclone from north-east
1890 Jan. 28 to Feb. 1	Coast of Queensland	Cyclone from north. Centre off north coast on 28th January, off central coast on 30th and south coast on 1st February. Heavy storms along coast
,, Mar 8–12	South Queensland	Tropical storm from N.N.W. caused heavy floods in rivers, and gales on coast. Pittsworth, 14·68 inches of rain in 24 hours
,, ,, 24	Townsville	Cyclone from north-east
,, Mar. 29	Herbert	Terrific cyclone from north
1892 Jan. 2	South Queensland	Severe gale. Several buildings demolished in Brisbane district
,, April 2	Brisbane	Cyclone from north-east blew down several buildings and disabled a steamer
1893 Jan. 21–22	Brisbane	Cyclone. Several houses and many trees blown down by gale of 65 miles per hour. Cyclone moved southward from central coast to southern coast
,, Feb. 1	Central and south coast	Rough weather. Centre of storm oscillated from central (30th January) to south coast (1st February), off central coast again (2nd and 3rd February), and then disappeared
,, Feb. 17	Sandgate	Cyclone from east off central coast 16th February; Sandgate badly damaged on 17th
1894 Feb. 19	Brisbane	Cyclone moved from off central coast (15th February) to central New South Wales coast (20th February); abnormally high tide at Brisbane
,, Mar. 13	Cape Moreton	Cyclone from north moved along coast. Severe gales
1896 Jan. 26–27	Townsville	Cyclone from north-east. A great deal of damage over a wide area. 20 inches of rain in three days
1898 Feb. 4	Mackay	Severe cyclone from north-east. Widespread damage
,, Feb. 12–14	South Queensland	Cyclone passed from centre of continent to sea over Brisbane, producing gales
,, Mar. 7	Coast from tropic S.	Cyclone passed south along coast to off Brisbane, and then to south-east; gales on south coast. Heavy rain, 13·16 inches in Brisbane
1899 Mar. 5	North Queensland	Cyclone from north-east. Pearling fleet destroyed; 300 lives lost at Bathurst Bay
,, April 3–6	South Queensland	Cyclone passed down east coast, giving severe gales especially to south
1902 April 27–29	Southern Coast	Cyclone passed down off southern coast, giving gales
1903 Mar. 9	Townsville and Bowen	Cyclone from north-east wrecked nearly the whole town (Townsville); barometric pressure below 28·50 inches, with centre over Townsville. 6·27 inches of rain
1906 Jan. 28	Cairns	Cyclone from north-east. Cairns devastated
,, Mar. 4	Croydon	Cyclone from north-east. Croydon wrecked
1907 Jan. 19	Cooktown	Cyclone from north-east. £20,000 damage at Cooktown
1908 Jan. 7–11	Cairns, &c.	Cyclone passed S.S.W. along coast. Heavy gales on northern part
,, Feb. 16	Chillagoe–Barcaldine	Heavy cyclone. £1,000 damage at Chillagoe, and many buildings unroofed or demolished at Barcaldine
,, Mar. 12	Broad Sound District	Cyclone from north. Centre off northern coast on 12th, passed inland by 13th, then moved S.S.E.
1909 Jan. 31–Feb. 4	East Coast	Between 31st January and 4th February a fierce cyclone passed down east coast
,, Feb. 3–5	Normanton	Severe damage reported from Normanton by cyclone from gulf
,, Sept. 28	Coast	Heavy gale. Cyclone recurred off Barrier Reef on 27th and 28th
1910 Jan. 28–Feb. 1	Coast	Heavy gale and tremendous seas at Cairns; storm moved southward, rough weather extending to southern coast by 1st February
1911 Jan. 8–11	Marburg to Southern Coast	Cyclone passed along coast from north to south, doing considerable damage at Marburg and producing a "whole gale" on south-eastern coast
,, Feb. 10	Port Douglas	Cyclone from north. Some damage done at Port Douglas
,, Mar. 16	Port Douglas, Cairns, and Innisfail	Cyclone from north. Severe damage at Cairns; practically all buildings at Port Douglas were damaged and two lives lost. Heavy rain, 9·12 inches in 12 hours, 12·30 inches in 36 hours
,, Mar. 23–24	Flat Top Island	"Yongala" storm from north. S.S. *Yongala* wrecked
1912 Jan. 8	Rosedale (near Longreach)	Cyclone from north. A storm recurved off coast 5th–10th January. At Rosedale many trees were broken off from butts. Heavy rain
,, Jan. 24	Bergen–Miles	Cyclone appeared off north coast on 22nd, passed inland on 25th, and died away; considerable damage to buildings, &c., at Bergen and Miles
,, April 5–7	Innisfail	Cyclone from north. Several houses wrecked or badly damaged. Heavy rain
,, April 16	Off Brisbane	Cyclone. S.S. *Kulambangra* encountered a hurricane east of Brisbane; gale between Cooktown and Bowen
,, April 24–30	Off Queensland Coast	Cyclone passed southward from far north, causing gales on coast of New Zealand
,, June 23–25	Southern Queensland	Cyclone crossed the Continent from gulf to Victoria. Off the coast of southern Queensland on night of 24th, east to north-east gales very severe. Very heavy rain
,, July 14	Lord Howe Island	Cyclone moved from north-west across south-east Queensland. Most violent gale experienced for several years at Lord Howe Island; lasted four hours
1913 Jan. 8–9	Coast south from Townsville	A cyclone passing southward off the coast caused severe gale conditions south from Townsville. Heavy rain
,, Jan. 13–17	Coast south from Townsville	Passage of another cyclone off coast caused heavy gale and very heavy rain south from Townsville.
,, Jan. 20–23	South Coast	Cyclone from N.N.E. approached north coast and then recurved to east. Heavy weather and high seas on coast south from Broad Sound
,, Jan. 29–Feb. 4	Cairns, &c., to Darwin	Cyclone from east struck coast between Cooktown and Cardwell on 29th and traversed west to Darwin on 4th February. Severe damage at Cairns, Innisfail, &c. S.S. *Innamincka* stranded on Alexandra Reef. Record floods at Innisfail and Cairns, &c.
,, April 4–11	Coast	A tropical cyclone proceeded slowly southward off the coast from 5th–11th April, producing severe gales, especially south of Townsville. Heavy rains
,, May 9–15	South Coast	Cyclone moved south along coast, giving gales, especially in New South Wales
,, Dec. 31	Thursday Island to Darwin	A tropical cyclone produced the fiercest blow in fourteen years at Thursday Island. The storm moved slowly westward reaching Darwin on 3rd January, and thence proceeding down north-west coast of Western Australia. It did severe damage at Roper River on 2nd January

LIST OF THE MORE IMPORTANT TROPICAL CYCLONES REPORTED FROM QUEENSLAND—*continued.*

Date.	Chief Locality.	Remarks.
1914 Feb. 19–21	Off Queensland Coast	Cyclone recurved off the coast; gales and heavy rains along coast
„ Mar. 6–11	Queensland Coast	Tropical cyclone passed south along coast, preceding general rains and gales on south-eastern coast
„ June 24–25	Off North Queensland Coast ..	Cyclone on north coast; gales between Mackay and tropic
„ Sept. 21–23	Off North Queensland Coast ..	Cyclone on north coast; gales east of Brisbane
„ Oct. 8–10	South Queensland Coast	Cyclone passing down off coast caused gales and torrential rains. Wrecked two ships off south coast
„ Dec. 28–31	Off Queensland Coast	Cyclone moved southward along coast. Gales
1915 Feb. 6–9	Off Queensland Coast	Cyclone moved down coast, doing considerable damage. Severe gale Bowen southwards. The track of this cyclone shows a peculiar double recurve. Heavy rains
„ Mar. 22–27	Off Queensland Coast	Gales between Townsville and Torres Strait. Severe near Cooktown on 23rd
„ Dec. 8–10	Mackay, &c.	Cyclone from north. Wind reached hurricane force at times near Mackay and Flat Top Island. Iron telegraph poles bent almost double. Roofs damaged
1916 Jan. 5–9	Off North Queensland Coast ..	Cyclone from E.N.E. approached northern Queensland coast, producing gales; recurved on the 7th; developed severe form on 9th south-east of New Caledonia Heavy rains
„ Feb. 10–15	Off North Queensland Coast ..	Cyclone passed southward off coast
„ Feb. 18–24	Torres Strait, &c.	Gales and heavy rains in straits and gulf, produced by a tropical cyclone moving slowly west
„ April 11–14	Central and South Queensland Coast..	Gales and heavy rains, caused by passage southward of a cyclone close to coast
„ Sept. 23–28	South Queensland	Cyclone passed from interior E.S.E. out to sea, producing very heavy general rains and gales on south-east coast
„ Oct. 18–19	South Queensland Coast	Cyclone passed southward off coast. Gales on coast. Heavy rains
„ Dec. 27	Mackay	Cyclone from east passed inland between Bowen and Mackay; severe damage; very heavy rains. Widespread floods caused loss of life inland from Mackay
1917 Jan. 1–5	Queensland Coast	Cyclone from W.N.W. passed along northern Queensland coast
„ Mar. 26–31	New Caledonia, &c.	Hurricane moved south across New Caledonia and Norfolk Island, producing gales on Queensland coast
„ Dec. 13–18	Mackay	Cyclone from east approached coast near Bowen, producing gales, then passed slowly eastwards over New Caledonia. Heavy rains
1918 Jan. 20–22	Mackay and Rockhampton ..	Violent cyclone from north-east passed to Central Australia, recurved in Central Australia and left New South Wales coast 31st January; 30 lives lost, and estimated £1,000,000 worth of property destroyed at Mackay, where a tidal wave also occurred. 17 inches of rain at Rockhampton. Severe floods in Fitzroy River (Queensland)
„ Mar. 9–10	Innisfail	Cyclone from east crossed York Peninsula, doing great damage at Innisfail
„ Mar. 25–28	Off Queensland Coast	A cyclone passed between Queensland and New Caledonia, and then on to north New Zealand, causing gales
1919 Mar. 3–6	Off South-east Coast	A cyclone passed down coast from tropics to Victoria
„ July 28	Off Queensland	Cyclone moved south between New Caledonia and Queensland. Ships driven on Barrier Reef, south-east of Mackay
1920 Feb. 2	Chillagoe, Mareeba, and Molloy ..	Cyclone from north-east advanced with great rapidity to the coastline between Cooktown and Townsville, and apparently passed inland in Cairns district during night of February 2nd. At Chillagoe, half of the houses in township were blown down. At Mareeba several houses were unroofed. At Molloy (60 miles north of Cairns) almost all houses, including the post office, were blown down. Flood rains
„ Feb. 2–5	Port Douglas and Croydon ..	Severe cyclone from E.N.E. passed westward, damaging Victoria River district in Northern Territory, as well as several Queensland places. Heavy rains
1921 Jan. 19–23, 25, 27–31..	South-west of Port Moresby ..	Cyclone developed on 25th to south-west of Port Moresby, moved south-eastwards; but only caused gale conditions for few hours on 29th on Queensland coast south from Flat Top Island
„ Mar. 29–April 5 ..	Between Cooktown and Port Moresby	Two tropical disturbances of great intensity— The first was experienced by the S.S. *Marsina* on 31st March; it crossed the Peninsular on the night of 1st April and early hours of 2nd. A severe cyclone was experienced about this date at Barrow Point and Flinders Group (north of Cooktown). It sank two boats and dismasted several others. Heavy rains
„ April 2–6	Bundaberg, Hervey Bay	The other developed off central Queensland coast, moved on a southerly course, crossed Hervey Bay, and traversed south-eastern Queensland, between early morning on 5th and night of 6th. Caused considerable damage at Bundaberg
1921 July 22–24	Extreme north coast of New South Wales	Cyclonic storm from north-east struck northern New South Wales coast, and caused a terrific gale and delayed shipping; moved off to south-east. Torrential rains caused disastrous floods in northern New South Wales and southern Queensland. Centre of storm off Sandy Cape on 22nd, over Clarence Head on 23rd, and to north-west of north New Zealand on 26th
„ Oct. 2–6	Queensland coast	A cyclone passed down east coast between Queensland and New Caledonia, producing severe gales
1923 Mar. 23 to April 9 ..	Groote Island, Roper River, Gulf of Carpentaria	Cyclone moving westward. S.S. *Douglas Mawson* wrecked. Very heavy rain
„ April 11–15	Off east coast	Cyclone moving south-east and east encountered by S.S. *Suva*. Heavy rains
„ April 27–30	South coast, Queensland, north coast, New South Wales	Cyclonic storm moved from western Queensland to the ocean, caused fierce squalls and high seas off central coast. Very heavy rain
1924 Jan. 20–24	Between east coast of continent and Norfolk Island	Cyclone moving southward encountered by S.S. *Pacifique*. A number of ships sustained damage. Heavy rains
1925 Feb. 26	Cooktown and Mossman	Cyclone moved from Willis Island to coast. Gales—damage to buildings at Cooktown, and to cane crops at Mossman
1925 June 18–23	Yeppoon and Taranganba Station ..	Cyclone appeared on Central Coast 19th. Some damage to buildings at Yeppoon, Taranganba Station, &c. Disturbance moved away to south-east by 24th

LIST OF THE MORE IMPORTANT TROPICAL CYCLONES REPORTED FROM QUEENSLAND—*continued.*

Date.	Chief Locality.	Remarks.
1926 Feb 8–9	Townsville to Cairns	Cyclone off North Coast. Floods Herbert, Tully, and other rivers. Heavy rains Rollingstone 17·30 inches, Stewart Creek 15·65 inches, Halifax 15 inches in 24 hours. Damage to banana plantations, &c.
,, Mar. 24–25	South Coast	Deep cyclone developed over depression which moved south-east from the Kimberley, Western Australia. South-easterly movement continued
,, May 17–20	South Coast	Cyclone appeared off South Coast 17th and moved south-east to Norfolk Island by 20th, increasing in intensity. S.S. *Wanganella* drifted for a week with broken propeller. S.S. *Eastern Moon* in similar difficulties
1927 Feb. 7–10	North Coast	Intense tropical cyclone moving westward crossed coast near Cairns, 10th. Record floods in Barren, Herbert, Tully, and Burdekin rivers
,, Mar. 14	South Coast	Moderate cyclone. Rough weather Central East coast of continent
,, Nov. 29–30	Sandy Cape	Cyclone off Sandy Cape moving south. Heavy weather on South Coast
1928 Feb. 14	Between Brisbane and Tweed Heads..	Intense cyclone developed off South coast. Heavy rains and floods
,, April 18–24	South Coast	Moderate cyclone off North Coast 18–19. Steep pressure gradients South-eastern Queensland. Floods and extensive damage Callide, Dawson, and Dee Valleys. Some loss of life
1929 Jan. 12–15	North Coast	Cyclone. Severe floods North Coast. Thick weather Torres Strait held up shipping
,, Jan. 22–24	North Coast	Cyclone. Torrential rains and floods on coast
,, Feb. 20–23	Central Coast	Cyclone off coast. Torrential rains and floods Central Coast
,, Feb. 25 to Mar. 3 ..	North and South Coasts	Cyclone moved from North to South Coast causing floods. S.S. *Arafura* disabled
,, June 15–17	Central Coast	Cyclone off Central Coast moved south-east. Gales reported
,, June 29–30	South Coast	Cyclone off South Coast, moved south-east. Gales. Much damage at Sandgate, &c. Heavy rains
1930 Jan. 4–8	North Coast	Cyclone developed over Coral Sea, moved west over Gulf of Carpentaria to Northern Australia. Torrential rains North Coast. Gales. Two luggers wrecked at Thursday Island
,, Jan. 19–21	Ingham and Tully	Cyclone developed from Inland depression and again moved inland. Heavy rains. Floods Tully and Herbert Rivers. Fireball, Charters Towers
,, Jan. 29–30	Mackay	Cyclone developed from inland depression which moved across the coast near Mackay. Heavy rains. Floods Burdekin River, with loss of life
,, Mar. 3–4	North Coast	Cyclone off North Coast. Flood rains
1931 Feb. 1–8	Innisfail and Brisbane	Intense cyclone off north coast moving south. Torrential rains and floods Innisfail district. Loss of life. Over 1,300 homes inundated in Brisbane suburban area. River rose to within 1½ inch of 1908 flood. Record floods in other south-eastern rivers
,, July 7	Sydney, New South Wales ..	Cyclone developed to the south-east of Queensland and moved south-east. High winds, Brisbane
1932 Jan. 17–20	North Coast	Cyclone moved from Gulf of Carpentaria over Peninsula to North Coast. Torrential rains. Canefields 30 feet under water
1933 Mar. 7–17	.. ..	Intense cyclone off the coast moving south to vicinity of Sandy Cape. S.S. *Kinsen Maru* foundered about 590 miles east of Townsville. Cyclone subsequently moved away south-eastward
,, April 4–6	South Coast	Moderate cyclone formed off South Coast. Heavy rains. Some floodings
,, July 10–11	Central Coast	Cyclone. Flood rains
,, Dec. 25–30	.. ..	Intense cyclone over Coral Sea moved south along coast, causing flood rains
1934 Jan. 18–23	North Coast	Intense cyclone approached North Coast from eastward by 20th. Torrential rains on North Coast
,, Feb. 1–2	North Coast	Intense cyclone to the south-east of Queensland previously crossed the State from Burketown. Heavy to torrential rain on coast and central highlands with floods
,, Feb. 19–21	Innisfail to Townsville	Cyclone over Coral Sea, 19th, moved down the coast. Further floods
,, Mar. 11 13	Coral Sea	Intense cyclone in Coral Sea, moving west, caused torrential rains and gales. 75 lives and many luggers lost between Thursday Island and Townsville. Damage to roads and railways. Tidal wave at "Almason" ruined banana plantations
,, Sept. 1 2	South Coast	Cyclone off Central East Coast of Continent moved south-east. S.S. *Montoro* damaged by heavy sea
1935 Jan. 19	Burketown	Cyclone developed over Gulf of Carpentaria and subsequently moved south-west. Torrential rain at Burketown
,, Feb. 25–Mar. 3rd ..	Innisfail and Tully	Cyclone off north coast. Flood rains, Port Douglas to Tully. Much damage at Innisfail and Tully where flood waters up to 1927 level. 28 inches of rain in 24 hours at Deeral
,, May 25–27	.. ..	Cyclone moving south from Willis Island
,, July 7–10	South Coast	Cyclone off Central Coast moved south-east. Gales. S.S. *Maheno* driven ashore. Heavy rain on Central Highlands and coast
1936 Feb. 14–22	North Coast	Tropical depression over North Coast moved to Gulf of Carpentaria by 20th and subsequently to Northern Territory. Heavy rains North Coast of Queensland
,, Mar. 18–22	North Coast	Intense cyclone approached from north-east, centred off Central Coast 20–21, and moved south-east. Gales and high seas. Heavy rains and floods
1937 Feb. 16–21	North Coast	Intense cyclone approached North Coast from New Hebrides and moved south to the New South Wales coast. S.S. *Babinda* disabled. Stinson mail 'plane crashed, with loss of life
,, Mar. 10–15	.. ..	Closed depression moved from Kimberley, Western Australia, to south-eastern Queensland, causing gales and flood rains. S.S. *Haiping* foundered. Goods train wrecked at Goondoon
1938 Jan. 17–20	Central and South Coast	Cyclone approached South Coast from north-east. Gales and high seas. Air services suspended. Subsequently moved south-east to New Zealand.
,, Mar. 22–30	Mackay	Cyclone approached from north-east and was centred off Central Coast 23–29 Gales, high seas and torrential rains. Bridges washed away. Harbour works damaged at Mackay. Disturbance moved away to Norfolk Island 1–3 April.

List of the More Important Tropical Cyclones Reported from Queensland—*continued.*

Date.	Chief Locality.	Remarks.
1939 Jan. 27–28	Coast south of Mackay	Cyclone centred between Rockhampton and Mackay, 28th. Second centre off South Coast moving E.S.E. Strong S.E. winds to gales for 3 or 4 days delayed shipping and air services. Heavy rains and floods South-eastern Queensland
„ Mar. 3–6	Coast south of Sandy Cape ..	Cyclone developed north-east of Cape Moreton and passed southward to New South Wales coast. Gales south from Sandy Cape
„ Mar. 18–25	North Coast	Cyclone centred north-east of Cooktown drifted across Peninsula to Southern Gulf, and thence across north-west corner of State. Strong local blows and heavy flood rains on North Coast. Shipping delayed

LIST OF HEAVY RAINS (10 INCHES AND OVER IN 24 HOURS) RECORDED IN QUEENSLAND DURING YEARS PREVIOUS TO, AND INCLUDING, 1939.

DIVISION 40.—SOUTH COAST—MORETON.

Station.	Date.	Amount which Fell in 24 Hours.
		Inches.
Anglesey	26 Dec., 1909	18·20
„	10 Feb., 1915	12·00
Archerfield Aerodrome (formerly Eagle Farm Aerodrome) Brisbane	6 „ 1931	13·53
Ascot Racecourse (Brisbane)	14 March, 1908	11·34
Bald Hills (Brisbane)	6 Feb., 1931	13·05
Bargara	17 May, 1926	17·77
Beenleigh	21 Jan., 1887	11·30
„	14 March, 1908	10·40
„	6 Feb., 1931	12·26
Boggo Road Junction (Brisbane) ..	14 March, 1908	10·42
Botanic Gardens (Brisbane)	14 „ „	10·80
„ „ „	6 Feb., 1931	10·32
Brisbane Show Grounds	6 „ 1931	12·05
Brisbane Weather Bureau	21 Jan., 1887	18·31
„ „ „	14 March, 1908	11·18
„ „ „	6 Feb., „	10·61
Brookfield (Brisbane)..	14 March, 1908	14·95
Buderim Mountain	11 Jan., 1898	26·20
„ „	9 March, „	11·10
Bulimba (Brisbane)	16 Feb., 1893	10·40
Burpengary	10 „ 1915	11·11
„	6 „ 1931	17·40
Caboolture	21 Jan., 1887	10·00
„	10 „ 1898	10·28
„	6 Feb., 1931	16·44
Caloundra Lighthouse	21 Jan., 1887	10·50
„	5 Feb., 1931	13·58
Camp Mountain	6 „ „	10·10
Cedar Glen	6 „ „	10·00
Central Kin Kin	5 „ „	13·75
Cleveland	13 Jan., 1910	10·13
„	2 June, „	11·20
„	6 Feb. 1931	12·00
Colton (Maryborough)	16 Jan. 1913	10·60
„ „	19 „ 1927	11·61
„ „	21 Feb., 1934	10·77
Coolangatta	6 „ 1931	10·98
Cooloolabin	5 „ „	11·00
Cooran	1 „ 1893	13·62
„	9 June, „	10·12
„	26 Dec., 1908	14·08
„	5 Feb., 1931	10·07
Cooroy	9 June, 1893	13·60
„	10 Jan., 1898	13·50
„	6 March, „	10·04
Crohamhurst	31 Jan., 1893	10·78
„	2 Feb., „	35·71
„	9 June, „	13·31
„	9 Jan., 1898	19·55
„	6 March, „	16·01
„	26 Dec., 1909	13·85
„	10 March, 1915	12·98
„	5 Feb., 1931	14·78
Dunwich	8 May. 1925	15·46

Division 40.—South Coast—Moreton—*continued.*

Station.	Date.	Amount which Fell in 24 Hours.
		Inches.
Enoggera Railway (Brisbane)	14 March, 1908	12·14
„ „ „	6 Feb., 1931	12·00
Enoggera Reservoir (Brisbane).. ..	14 March, 1908	10·98
„ „	6 Feb., 1931	11·20
Ernest Junction	14 March, 1908	13·00
„ „	29 May, 1919	10·45
„ „	25 Feb., 1927	15·00
Esk	21 Jan., 1887	10·70
„	14 March, 1908	11·12
Eumundi	5 Feb., 1931	11·20
Fassifern	21 Jan., 1887	10·20
Glass House Mountains	26 Dec., 1909	10·48
„ „ „	5 Feb., 1931	12·50
Gold Creek Reservoir (Brisbane) ..	16 „ 1893	11·16
„ „ „ „ ..	14 March, 1908	12·50
„ „ „ „ ..	6 Feb., 1931	12·60
Goodna Post Office (Brisbane)	21 Jan., 1887	11·00
„ „	14 March, 1908	11·03
Gympie	9 March, 1901	11·64
Hillcrest	26 Dec., 1909	13·35
Howard	15 Jan., 1905	19·55
„	16 „ 1913	11·33
„	5 Feb., 1931	10·94
Indooroopilly (Brisbane)	14 March, 1908	10·28
„ „	6 Feb., 1931	10·57
Inskip Point	13 March, 1892	10·65
„ „	24 April, 1928	15·20
Kilkivan	10 Jan., 1898	11·08
Landsborough	2 Feb., 1893	15·15
„	9 June, „	12·80
„	7 March, 1898	10·35
„	26 Dec., 1909	14·00
„	5 Feb., 1931	11·85
Lytton	21 Jan., 1887	12·85
„	13 March, 1892	10·60
„	16 Feb., 1893	11·74
„	20 March, 1898	10·20
Maleny Post Office	14 „ 1908	10·95
„	26 Dec., 1909	14·76
„	10 Feb., 1915	11·87
„	19 April, 1928	15·51
„	5 Feb., 1931	14·71
Manly (Brisbane)	14 March, 1908	11·90
„ „	6 Feb., 1931	12·00
Mapleton	14 March, 1908	14·29
„	26 Dec., 1909	15·72
„	4 Feb., 1911	10·07
Marlborough	17 „ 1888	14·24
„	29 Jan., 1896	10·84
„	22 „ 1918	13·70
Mayne Junction (Brisbane)	14 March, 1908	10·30
„ „ „	6 Feb., 1931	12·38
Milton (Brisbane)	14 March, 1908	12·24
Montville	10 Feb., 1915	13·60
„	19 April, 1928	10·80

List of Heavy Rains Recorded in Queensland, etc.—*continued.*

Division 40.—South Coast—Moreton—*continued.*

Station.	Date.	Amount which Fell in 24 Hours.
		Inches.
Montville	5 Feb., 1931	12·20
Mooloolah (formerly Glen Farm) ..	13 March, 1892	21·53
„	2 Feb., 1893	19·11
„	9 June, „	11·50
„	6 March, 1898	14·43
„	5 Feb., 1931	12·00
Morningside (Brisbane)	14 March, 1908	10·50
„ „	6 Feb., 1931	10·00
Mount Cotton	6 „ 1931	20·04
Mount Crosby	14 March, 1908	14·00
Mount Gravatt (Brisbane)	14 „ 1908	10·80
Mount Mee	10 Feb., 1915	12·00
Mundoolun	21 Jan., 1887	17·95
Murarrie (Brisbane)	14 March, 1908	11·50
Nambour	9 Jan., 1898	21·00
„	7 March, 1893	13·28
„	27 Dec., 1909	16·80
Nanango	9 June, 1893	10·00
Nerang	15 June, 1892	12·35
„	14 March, 1908	10·95
Nudgee College (Brisbane)	10 Feb., 1915	10·29
„ „ „	6 „ 1931	13·21
Nundah (Brisbane)	14 March, 1908	12·00
„ „	6 Feb., 1931	11·35
One Mile (Gympie)	10 March, 1901	11·40
Oxley (Brisbane)	6 Feb., 1931	12·95
Palmwoods	4 „ 1893	12·30
„	10 Jan., 1898	15·85
„	7 March, „	13·02
„	25 Dec., 1909	17·75
„	3 March, 1912	10·00
„	10 Feb., 1915	11·70
Peachester	9 Jan., 1898	18·45
„ „ „	6 March, „	15·95
„ „ „	26 Dec., 1909	14·91
„ „ „	22 Jan., 1918	10·00
Petrie (formerly Pine River North) ..	10 Feb., 1915	10·41
Pialba (Maryborough)	16 Jan., 1913	17·22
„ „	5 Feb., 1931	10·90
Pinkenba (Brisbane)	14 March, 1908	11·63
„ „	6 Feb., 1931	10·38
Redcliffe	21 Jan., 1887	14·00
„	16 Feb., 1893	17·35
„	10 Jan., 1898	10·25
Rocklea (Brisbane)	6 Feb., 1931	10·00
Sandgate (Brisbane)	21 Jan., 1887	10·50

District 40.—South Coast—Moreton—*continued.*

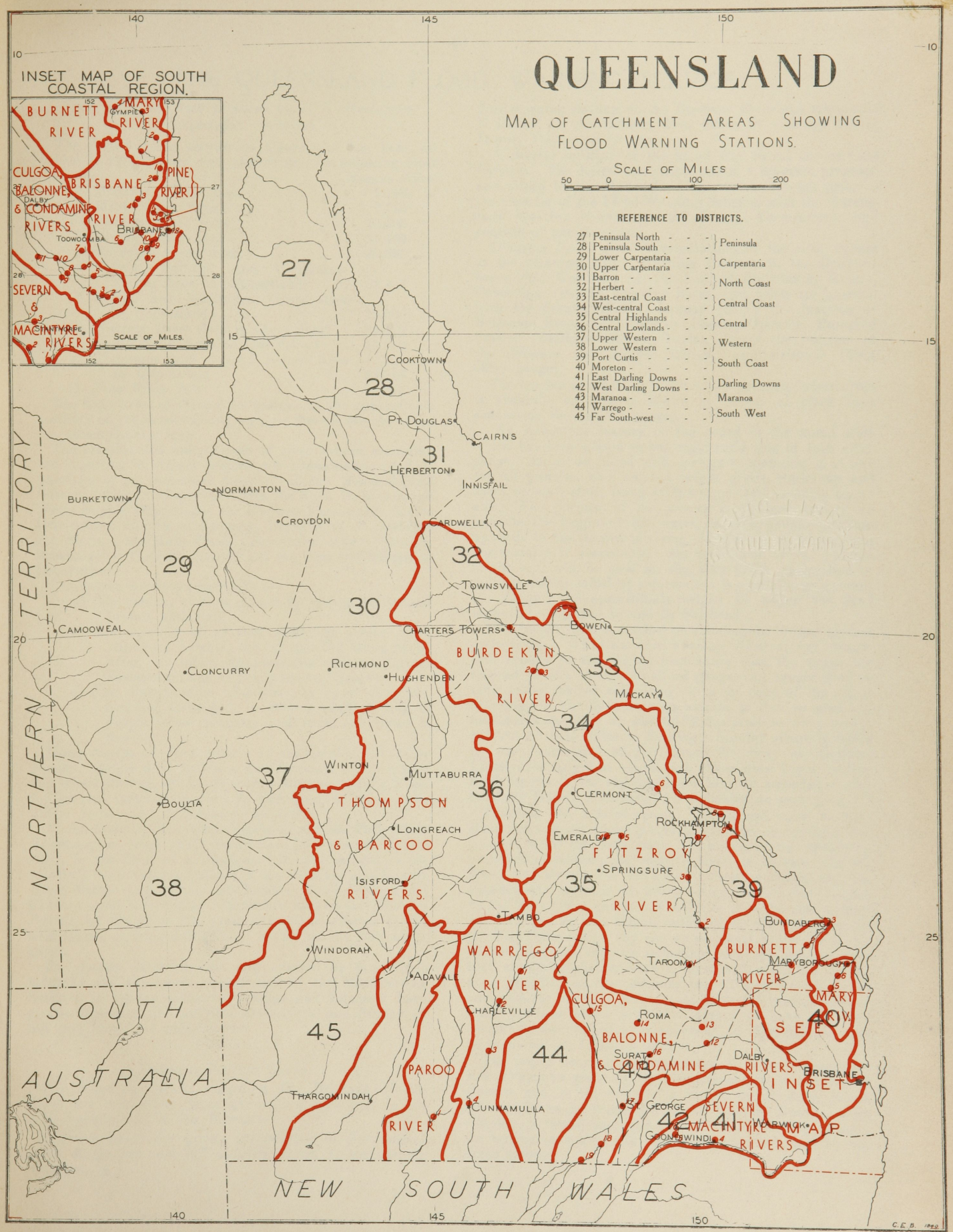
Station.	Date.	Amount which Fell in 24 Hours.
		Inches.
Sandgate (Brisbane)	16 Feb., 1893	14·03
„ „	6 „ 1931	14·70
Sandy Creek	6 „ „	10·08
Sherwood (Brisbane)	14 March, 1908	11·08
„	6 Feb., 1931	10·84
Southport	14 March, 1908	11·05
„	6 Feb., 1931	16·78
Springbrook	8 Jan., 1920	12·78
„	28 Dec., 1921	10·20
„	20 June, 1925	10·37
„	14 Dec., 1926	10·73
„	26 Jan., 1927	10·70
„	6 Feb., 1931	15·23
„	16 March, 1937	10·70
„	19 Jan., 1938	11·55
St. Helena Island	16 Feb., 1893	11·20
„	6 „ 1931	10·58
Sunnybank (Brisbane)	14 March, 1908	11·40
„ „	6 Feb., 1931	10·30
Tallebudgera	14 March, 1908	10·80
„	6 Feb., 1931	15·40
Tamborine Mount	17 July, 1889	10·91
„	6 Feb., 1931	12·05
Tewantin	10 Jan., 1898	10·51
„	30 March, 1904	12·30
„	14 April, „	11·36
Tomewin	8 Jan., 1920	11·48
„	6 Feb., 1931	20·00
Toowong (Brisbane)	14 March, 1908	11·60
Woodford	2 Feb., 1893	14·93
„	10 Jan., 1898	11·40
„	10 Feb., 1915	11·46
„	5 April, 1933	11·06
Woody Island	16 Jan., 1913	12·66
„ „	19 „ 1927	12·42
Woogaroo (Brisbane)	14 March, 1908	11·20
Woombye	26 Dec., 1909	13·42
Wynnum (Brisbane)	14 March, 1908	11·95
„	6 Feb., 1931	12·00
Yandina	1 „ 1893	12·08
„	9 June, „	12·70
„	9 Jan., 1898	19·25
„	7 March, „	13·52
„	28 Dec., 1909	15·80
„	5 Feb., 1931	15·69
Zillmere (Brisbane)	14 March, 1908	11·00

QUEENSLAND FLOOD-WARNINGS.

REFERENCE TO STATIONS NUMBERED ON MAP OF CATCHMENT AREAS.

Brisbane River and Tributaries.	Mary River and Tributaries.	Burnett River.	Fitzroy River and Tributaries.	Burdekin River and Tributaries.	Culgoa, Balonne, and Condamine Rivers.
Bald Knob (no gauge) 1. Peachester 2. Woodford Villeneuve (no gauge) 3. Caboonbah 4. Murrumba Esk (no gauge) Bryden (no gauge) 5. Lowood Vernor (no gauge) Ardmory (no gauge) 6. Gatton 7. Harrisville 8. Rosewood 9. Ipswich 10. Kholo 11. Goodna Pryor's Pocket (no gauge) 12. Brisbane	1. Kenilworth 2. Cooran 3. Gympie 4. Woolooga 5. Miva 6. Tiaro 7. Maryborough	1. Gayndah 2. Walla 3. Bundaberg	1. Taroom 2. Theodore 3. Baralaba 4. Emerald 5. Comet 6. Clive 7. Riverslea 8. Yaamba 9. Rockhampton	1. Sellheim 2. Lornesleigh 3. Mt. McConnell 4. Home Hill 5. Ayr	1. Killarney 2. Emu Vale 3. Yangan 4. Warwick 5. Allora 6. Clifton 7. Cambooya Toowoomba (no gauge) 8. Ellangowan 9. Leyburn 10. Tummavil Pittsworth (no gauge) 11. Yandilla Cecil Plains (no gauge) Dalby (no gauge) Chinchilla (no gauge) 12. Condamine 13. Miles 14. Roma 15. Mitchell 16. Surat 17. St. George 18. Dirranbandi 19. Hebel

Severn and McIntyre Rivers.	Warrego River.	Paroo River.	Thompson and Barcoo Rivers.	Pine River.
1. Riverton 2. Texas 3. Inglewood 4. Goondiwindi 5. Talwood	1. Augathella 2. Charleville 3. Wyandra 4. Cunnamulla	1. Eulo	1. Isisford	1. Armstrong Creek 2. Albany Creek 3. Young's Crossing


QUEENSLAND
MAP OF CATCHMENT AREAS SHOWING FLOOD WARNING STATIONS.
SCALE OF MILES
50 0 100 200
REFERENCE TO DISTRICTS.
27 Peninsula North - - - } Peninsula
28 Peninsula South - - - }
29 Lower Carpentaria - - } Carpentaria
30 Upper Carpentaria - - }
31 Barron - - - - - } North Coast
32 Herbert - - - - - }
33 East-central Coast - - } Central Coast
34 West-central Coast - - }
35 Central Highlands - - } Central
36 Central Lowlands - - - }
37 Upper Western - - - } Western
38 Lower Western - - - }
39 Port Curtis - - - - } South Coast
40 Moreton - - - - - }
41 East Darling Downs - - } Darling Downs
42 West Darling Downs - - }
43 Maranoa - - - - - Maranoa
44 Warrego - - - - - } South West
45 Far South-west - - - }
INSET MAP OF SOUTH COASTAL REGION.
SCALE OF MILES.
BURNETT RIVER
MARY RIVER
CULGOA, BALONNE, & CONDAMINE RIVERS
BRISBANE RIVER
PINE RIVER
SEVERN & MACINTYRE RIVERS
NORTHERN TERRITORY
SOUTH AUSTRALIA
NEW SOUTH WALES
COOKTOWN
PT. DOUGLAS
CAIRNS
HERBERTON
INNISFAIL
BURKETOWN
NORMANTON
CROYDON
CARDWELL
TOWNSVILLE
BOWEN
CAMOOWEAL
CHARTERS TOWERS
BURDEKIN RIVER
CLONCURRY
RICHMOND
HUGHENDEN
MACKAY
WINTON
MUTTABURRA
THOMPSON & BARCOO RIVERS
BOULIA
LONGREACH
CLERMONT
ROCKHAMPTON
EMERALD
FITZROY RIVER
SPRINGSURE
ISISFORD
TAMBO
BUNDABERG
WINDORAH
WARREGO RIVER
TAROOM
MARYBOROUGH
ADAVALE
CHARLEVILLE
CULGOA, BALONNE & CONDAMINE RIVERS
ROMA
SURAT
DALBY
BRISBANE
PAROO RIVER
THARGOMINDAH
CUNNAMULLA
ST. GEORGE
GOONDIWINDI
WARWICK
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C.E.B. 1952

THE QUEENSLAND FLOOD WARNING SERVICE.

From notes and data prepared by J. H. Hartshorn, Meteorologist, Brisbane.

The flood-warning service in Queensland has been extended in recent years, and now covers the following river systems:—

	Square miles.
1. Brisbane River Area	5,190
2. Mary River Area	3,730
3. Burnett River Area	13,300
4. Fitzroy River Area	55,450
5. Burdekin River Area	49,360
6. Culgoa, Balonne, and Condamine Rivers Area in Queensland ..	33,290
7. Severn and Macintyre Rivers Area in Queensland	15,600
8. Warrego River Area in Queensland ..	25,470
9. Paroo River Area in Queensland ..	11,590
10. Thompson and Barcoo Rivers Area in Queensland	93,540
11. Pine River Area	275

The boundaries of these river basins and the approximate positions of the flood-warning stations therein are shown on the accompanying map.

The erection and maintenance of river gauges, recording and reporting of stream heights and dissemination of flood warnings is an important function of the Meteorological Bureau, acting in co-operation with the State Irrigation and Water Supply Department, the Railway Department, Police Department, Bureau of Industry, Department of Harbours and Marine, the Main Roads Commission, Shire Councils, Rockhampton Harbour Boards, and the Post and Telegraph Department.

The system involves principally:—

(*a*) The reading of river gauges by various official and private observers;

(*b*) The sending of advices, after the rivers reach stipulated heights, and at specified times thereafter, to other flood-warning officers further downstream and to the Brisbane Bureau;

(*c*) The dissemination of advices by radio telephone, mounted messengers, or other available means, to people whose property and stock are liable to flooding.

Upon receipt of flood reports at the Brisbane Weather Bureau, special flood bulletins and forecasts are prepared and issued through the Broadcasting Stations and the Press for general information and, by telephone, to the various public bodies and institutions concerned.

At the General Post Office, Brisbane, and the Post Office, Rockhampton, large notice boards have been erected. These show, in the form of a diagram, the river gauges at the principal flood-warning stations in the Brisbane and Fitzroy River Basins respectively, the heights of all floods about which accurate information is available, and, on the Brisbane Board, the city areas, &c., areas likely to be affected by the flood waters at various heights of stream on the Port Office gauge.

The greatly extended area now covered by telegraphic networks and the ready co-operation of the Broadcasting Stations in issuing prompt warnings and forecasts have greatly increased the facilities available to the Bureau in this very important public service.

Brisbane Notice Board.

The following details regarding the Brisbane Notice Board are reproduced from particulars furnished in an earlier publication of the Bureau:—

A notice board for giving information to the general public of the rise and fall of flood waters at the various flood-warning stations on the Brisbane River and tributaries is located at the General Post Office by courtesy of the Deputy Postmaster-General.

A careful scrutiny of the board will reveal its essential features. The design was adopted from a diagram prepared and issued by the Hydraulic Engineer some years prior to the transfer of the Flood-Warning Scheme, with the Queensland Weather Bureau, to the Federal Government, and consists of two diagrams.

Diagram No. 1 gives representations of the river gauges at the principal Flood Warning Stations in the Brisbane basin, viz., Woodford (at the head of the Stanley River), Caboonbah (on the Brisbane River, just below its junction with the Stanley River), Lowood (below the junction of Brisbane River and Lockyer Creek), Ipswich Pumping Station (Brisbane River), Goodna (below the junction of the Brisbane and Bremer Rivers), and Brisbane (Port Office gauge).

The heights of all floods about which accurate information is available are clearly shown by means of black lines connecting the various gauges.

An important feature of the board is the metal slide which has been affixed to the right-hand side of each river gauge. An arrow, fitted with springs to maintain it at any desired position, and painted bright green, works up and down on each slide, being at the same time movable on an axis. The purpose of the arrows is obvious, namely, to indicate the height of the water on each gauge—pointing upwards to the figures if rising, downwards if falling, and horizontally if stationary. An additional arrow, painted bright red, will be used on the Port Office gauge-slide to indicate (when sufficient information is available to warrant an opinion) the approximate height to which the flood waters are expected to rise in Brisbane.

The danger level is marked on the diagram in red against each station. When the flood-warning officer at, say, Woodford reports to the station next below that the water has reached 22 feet on the Woodford gauge, i.e., danger level at that station, and is still rising, it is the duty of the officer in charge of the flood-warning station at Esk to send out mounted messengers up and down the river to warn people resident on land liable to flooding. Similar action is taken by each successive station down the river to Goodna. Finally, the height at which each officer must begin sending flood reports to the stations below him, in accordance with carefully framed instructions, is indicated on each gauge.

Diagram No. 2 is of special interest and value to merchants and others whose places of business or residence are situated below the flood mark. It shows, in the form of a longitudinal section, the relative levels of certain wharves floors, and streets, the surfaces of observed floods, and the approximate surfaces of floods rising to different heights on the Port Office gauge. When it is expected that a flood will rise to a certain height, indicated by the red arrow on the Port Office gauge, any one whose wharf or floor is shown on the diagram can, by following back the flood surface line, ascertain whether such a flood will reach his wharf, floor, or cellar, as the case may be. It would certainly be advisable for all those who do not know the exact height of their premises above low-water datum to have the level accurately ascertained by a surveyor, so that full use may be made of the facilities offered.

The notice board has been erected in a very prominent and convenient place by the Commonwealth Meteorological Bureau, and, in the event of a rise in the Brisbane River, officers will be in attendance at the Weather Bureau, night and day, to receive messages from the flood-warning stations, the import of which will *immediately* be indicated by the green arrows.

RECORD OF FLOODS AND THE PRINCIPAL FRESHES EXPERIENCED IN THE METROPOLITAN REACHES OF THE BRISBANE RIVER, AS RECORDED ON THE PORT OFFICE GAUGE, WHERE THE CRITICAL HEIGHT IS ABOUT 10 FEET.

Year.	Date.	Height of River.	Remarks.
		ft. in.	
1841	January 14	31 5	Approximate
1843	June 9	12 10	,,
1844	January 10	26 10	,,
1852	April 16	13 4	,,
1857	May 19	14 6	,,
1863	February 16	14 8	,,
1864	March 20	16 2	,,
1867	April 2	11 10	Destroyed the original wood pile bridge which was opened for traffic, June, 1865, at the site of the present Victoria Bridge
1870	March 10	13 3	
1873	June 18	12 7	
1875	March 1	12 4	
1879	October 16	11 10	
1887	January 23	16 2	
1889	July 20	16 1	
1890	March 13	21 3	
1893	February 5	31 2	Albert Bridge, Indooroopilly, and Victoria Bridge, Brisbane, destroyed
1893	February 12	10 10	
1893	February 19	30 4	
1893	June 12	15 8	
1896	February 14	10 4	S.S. *Pearl* disaster (twenty people drowned)
1896	February 29	9 10	
1898	January 13	20 3	
1898	March 9	14 6	
1908	March 15	14 9	
1927	January 28	9 4	
1928	February 22	9 3	
1928	April 21	10 10	
1929	January 24	9 10	
1931	February 7	14 7½	

BRISBANE FLOODS OF 5TH AND 19TH FEBRUARY, 1893.

RAINFALLS RECORDED AT A FEW REPRESENTATIVE STATIONS IN THE CATCHMENT AREA OF THE BRISBANE RIVER AND ITS TRIBUTARIES.

Rainfall for 24 Hours Ended 9 a.m.	Crohamhurst.	Woodford.	Kilcoy.	Cressbrook.	Esk.	Laidley.	Ipswich.	Brisbane.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
January 30	1·78	0·58	0·57	0·49	0·42	0·15	0·34	0·36
,, 31	2·37	0·90	1·55	0·50	0·49	0·02	0·10	0·29
February 1	10·78	4·10	7·20	1·22	1·38	0·80	0·73	0·82
,, 2	20·06	10·45	14·70	4·56	3·45	0·96	1·82	3·18
,, 3	35·71	20·00*	3·70	9·74	7·87	3·70	2·49	4·58
,, 4	10·76	6·55	1·00	3·78	3·75	2·29	2·59	3·51
,, 5	1·69	2·10	0·60	0·48	0·63	1·76	1·69	4·00
,, 6	0·28	0·26	1·60	0·20	0·61	1·13	0·73	2·68
Total for eight days	83·43	44·94	30·92	20·97	18·60	10·81	10·49	19·42
February 15	0·85	..	1·50	0·86	0·51	0·24	..	..
,, 16	2·01	1·86	12·10	0·83	1·53	0·90	2·40	2·09
,, 17	15·91	11·66	1·00	10·65	9·95	5·32	8·25	8·36
,, 18	1·83	2·38	..	0·60	4·07	2·40	3·32	4·03
Total for four days	20·60	15·90	14·60	12·94	16·06	8·86	13·97	14·48

* Estimated—gauge overflowed at 14·93 inches.

TABLES PRESENTING THE AVAILABLE MAXIMUM HEIGHTS RECORDED ON QUEENSLAND RIVERS DURING THE YEARS WHEN FLOODING OCCURRED, AND THE DATES THEREOF.

BRISBANE RIVER AND TRIBUTARIES.

WOODFORD (STANLEY RIVER).

Year.	Date.	Height.
		ft. in.
1890	March 11	28 3
1893	February 3	38 6
1896	February 11	24 0
1898	January 10	33 9
1898	March 8	29 0
1908	March 14	22 0
1915	February 10	22 10
1927	January 24	21 3
1928	February 18	21 4
1928	April 19	23 0
1931	February 5	29 4
1938	May 26	20 0

CABOONBAH.

Year.	Date.	Height.
		ft. in.
1890	March 11	68 0
1893	February 4	74 3
1896	February 12	50 0
1898	January 10	58 6
1898	March 8	54 3
1908	March 14	50 0
1927	January 27	37 9
1928	April 19	49 4
1929	January 21	38 0
1931	February 6	54 3

MURRUMBA.

Year.	Date.	Height.
		ft. in.
1927	January 27	46 6
1927	April 2	40 0
1928	February 21	43 3
1928	April 19	64 0
1929	January 21	47 0
1929	April 4	36 6
1931	February 6	65 9
1938	May 28	31 6

LOWOOD.

Year.	Date.	Height.
		ft. in.
1890	March 11	72 5
1893	February 4	86 7
1896	February 12	52 0
1898	January 11	68 3
1898	March 8	58 10
1908	March 15	53 6
1927	January 27	42 1
1928	February 21	36 0
1928	April 20	52 9
1929	January 21	37 0
1931	February 6	60 6

GATTON (LOCKYER CREEK).

Year.	Date.	Height.
		ft. in.
1893	February 4	53 7
1898	January 11	24 0
1917	December 12	24 0
1927	January 26	25 0
1927	February 1	28 6
1928	February 17	23 6
1928	April 19	23 6
1931	February 5	30 0
1931	December 8	28 0
1937	March 17	31 0
1938	January 31	20 0

HARRISVILLE (WARRILL CREEK).

Year.	Date.	Height.
		ft. in.
1893	February 17	27 4
1927	January 27	19 0
1928	February 17	21 0
1929	April 3	17 0
1930	June 1	19 0
1931	February 5	14 0
1937	March 17	22 0
1939	March 9	15 6

ROSEWOOD (BREMER RIVER).

Year.	Date.	Height.
		ft. in.
1898	January 14	15 6
1899	January 30	21 0
1901	March 21	17 0
1917	November 23	14 0
1921	December 31	16 0
1927	January 20	24 0
1928	February 28	13 8
1931	February 5	18 6
1933	January 19	16 6
1935	January 18	16 6
1935	October 18	14 6
1937	March 16	23 6
1938	May 26	17 0
1939	March 11	18 6

IPSWICH (BREMER RIVER).

Year.	Date.	Height.
		ft. in.
1893	February 4	84 0
1898	January 12	54 0
1927	January 27	39 3
1931	February 7	47 5

TABLES PRESENTING THE AVAILABLE MAXIMUM HEIGHTS RECORDED ON QUEENSLAND RIVERS DURING THE YEARS WHEN FLOODING OCCURRED, AND THE DATES THEREOF—*continued.*

BRISBANE RIVER AND TRIBUTARIES—*continued.*

KHOLO (NEAR IPSWICH PUMPING STATION).

Year	Date.	Height.
		ft. in.
1889	July 19	64 10
1890	March 12	73 5
1893	February 4	94 11
1893	February 18	89 2
1896	February 13	47 0
1898	January 12	67 0
1898	March 9	54 10
1908	March 15	53 6
1927	January 27	42 0
1928	February 21	34 6
1928	April 20	50 0
1929	January 21	34 0
1929	April 5	30 0
1931	February 6	58 0

GOODNA.

Year.	Date.	Height.
		ft. in.
1890	March 13	52 9
1893	February 5	71 1
1893	February 18	68 2
1896	February 13	30 3
1898	January 12	49 3
1898	March 9	36 9
1908	March 15	38 5
1928	April 21	31 3
1931	February 7	41 0

BRISBANE (PORT OFFICE).

Separate list attached.

MARY RIVER AND TRIBUTARIES.

KENILWORTH.

Year.	Date.	Height.
		ft. in.
1893	February 3	53 9
1898	January 10	55 3
1908	March 13	21 0
1909	December 25	25 0
1910	March 16	22 0
1911	January 11	24 3
1920	January 7	16 0
1920	January 21	17 6
1921	April 6	30 0
1921	June 10	16 0
1921	July 1	21 0
1921	December 29	22 0
1922	February 21	16 2
1924	March 11	21 6
1925	May 8	15 3
1925	June 20	27 3
1926	December 16	29 0
1927	January 23	23 3
1927	January 26	32 0
1927	March 5	23 3
1927	December 26	17 11
1928	February 21	29 3
1928	April 19	38 3
1929	January 20	21 8
1929	April 4	24 9
1929	April 21	28 3
1930	January 23	24 0
1930	February 1	16 0
1930	May 10	31 5
1930	June 1	25 3
1930	June 29	18 3
1931	February 5	34 3
1931	March 23	24 0
1933	April 5	15 3
1933	December 29	22 9
1934	February 2	30 6
1934	April 1	16 4
1935	February 25	16 5
1936	March 22	16 0
1937	March 16	30 6
1938	January 19	22 0
1938	May 26	24 7

COORAN (SIX MILE CREEK).

Year.	Date.	Height.
		ft. in.
1893	February 4	32 2
1898	January 11	30 11
1911	February 4	21 0
1913	January 17	14 8
1913	January 21	15 4
1913	February 11	14 3
1913	February 27	13 8
1914	March 30	11 6
1918	January 22	12 8
1920	January 7	19 2
1920	January 22	15 7
1921	March 11	11 0
1921	April 6	20 1
1921	December 30	13 6
1922	February 21	15 11
1924	July 9–10	17 6
1926	December 16	20 6
1927	January 25	21 4
1927	March 5	16 0
1927	March 25	15 4
1927	April 2	16 10
1927	December 26	16 0
1928	February 20	21 11
1928	April 20	14 0
1929	January 20	14 2
1929	February 3	16 7
1929	April 4	18 3
1930	January 25	14 0
1930	February 20	13 0
1930	May 10	14 0
1930	June 16	18 0
1931	February 5	26 2
1931	March 13	14 5
1933	December 29	16 3
1934	February 2	18 9
1934	February 21	17 3
1934	April 3	15 9
1936	March 22	16 5
1937	March 16	19 6
1937	November 4	11 9
1938	January 19	19 0
1938	February 1	10 0
1938	May 26	20 3
1939	March 15	15 11

TABLES PRESENTING THE AVAILABLE MAXIMUM HEIGHTS RECORDED ON QUEENSLAND RIVERS DURING THE YEARS WHEN FLOODING OCCURRED, AND THE DATES THEREOF—*continued.*

MARY RIVER AND TRIBUTARIES—*continued.*

GYMPIE.

Year.	Date.	Height. ft.	in.
1870	Not available	70	10
1889	July 29	55	6
1890	January 25	63	3
1890	March 12	67	1
1893	February 4	83	6
1893	February 17	69	2
1898	January 11	72	2
1898	March 8	70	6
1910	March 16	32	1
1910	March 21	22	1
1911	January 14	37	3
1911	January 29	33	3
1911	February 5	45	6
1911	March 26	29	6
1913	January 17	24	9
1913	January 22	23	9
1913	April 12	32	9
1913	June 23	15	10
1913	June 28	15	0
1914	February 23	15	6
1914	February 27	19	6
1914	March 10	22	0
1914	March 29	22	6
1915	February 11	43	7
1916	December 2	23	6
1917	January 26	20	0
1918	January 31	28	0
1919	May 7	18	8
1920	January 8	30	3
1920	January 22–23	28	0
1920	December 10	16	6
1921	March 11	15	0
1921	April 7	43	6
1921	June 11	29	3
1921	July 2	31	6
1921	December 31	39	11
1922	February 10	23	0
1922	February 22	33	0
1924	July 10	21	0
1925	January 22	35	0
1925	March 12	41	6
1925	March 19	21	0
1925	May 9	18	6
1925	June 9	18	6
1925	June 21	46	0
1926	December 16	44	3
1927	January 25	55	10
1927	March 5	42	8
1927	March 24	31	0
1927	December 26	27	4
1928	February 10	34	3
1928	February 21	53	4
1928	April 20	52	1
1929	January 21	41	6
1929	April 5	44	0
1930	January 26	37	6
1930	May 11	33	0
1930	June 2	36	6
1930	June 29	40	0
1931	February 6	57	10
1931	March 24	32	7
1933	December 30	33	6
1934	February 3	42	0
1934	February 23	40	10
1934	April 4	26	0
1935	February 25	19	0
1936	March 23	30	9
1938	January 20	38	0
1938	May 27	43	7
1939	March 17	26	0
1940	March 20	23	4

WOOLOOGA (WIDE BAY CREEK).

Year.	Date.	Height. ft.	in.
1890	March 12	41	0
1893	February 4	39	6
1898	January 11	39	6
1898	March 7	25	0
1918	January 1	28	0
1918	January 31	28	0
1921	June 10	28	0
1922	December 30	16	0
1924	October 21	14	0
1926	December 16	17	0
1928	January 30	16	9
1928	February 20	22	3
1934	February 2	15	6
1934	February 21	16	2

MIVA.

Year.	Date.	Height. ft.	in.
1893	February 4	70	9
1898	January 11	61	0
1898	March 8	58	0
1913	January 17	25	0
1913	April 3	21	0
1914	March 30	18	0
1915	February 12	30	0
1918	January 23	29	3
1918	January 31	31	0
1920	January 7	23	0
1921	April 8	31	0
1925	February 23	20	0
1925	March 13	29	0
1925	June 22	34	11
1926	December 17	42	0
1927	January 26	46	0
1927	March 5	36	0
1927	April 2	19	9
1927	December 17	42	0
1928	February 11	26	0
1928	February 20	39	3
1928	February 21	50	0
1928	April 21	42	0
1929	January 20	32	0
1929	February 13	15	0
1929	April 5	36	9
1930	January 26	28	0
1930	February 2	17	9
1930	May 12	19	0
1930	June 2	23	0
1930	June 30	29	0
1931	February 6–7	48	0
1931	March 24–25	20	6
1933	December 30	21	0
1934	February 2	31	0
1934	February 23	37	0
1934	April 5	17	6
1936	March 23	17	3
1937	March 16	45	9
1938	January 21	23	6
1938	May 28	32	0
1939	March 18	17	0

TABLES PRESENTING THE AVAILABLE MAXIMUM HEIGHTS RECORDED ON QUEENSLAND RIVERS DURING THE YEARS WHEN FLOODING OCCURRED, AND THE DATES THEREOF—*continued.*

MARY RIVER AND TRIBUTARIES—*continued.*

TIARO.

Year.	Date.	Height.
		ft. in.
1890	March 13	58 0
1893	February 5	72 0
1898	January 12	55 9
1898	March 8	54 6
1908	March 17	36 9
1911	January 14	29 9
1911	January 28	24 6
1911	February 6	35 9
1913	January 17	35 3
1913	April 12	18 0
1914	March 30	22 6
1915	February 12	25 9
1918	February 1	28 2
1921	April 8	29 6
1921	June 11	27 0
1921	December 30–31	38 0
1922	February 23	19 0
1925	January 24	26 0
1925	March 12	28 2
1925	June 21	31 2
1926	December 17	46 9
1927	January 26	47 3
1927	February 4	28 0
1927	March 3	33 6
1927	March 25	22 5
1927	April 2	21 5
1928	February 11	29 0
1928	February 21	50 0
1928	April 24	37 10
1929	January 21	27 8
1929	February 14	18 0
1929	April 4	38 1
1929	April 24	22 3
1930	January 26	30 4
1930	June 2	22 9
1930	June 30	27 11
1931	February 7	47 7

TIARO—*continued.*

Year.	Date.	Height.
		ft. in.
1931	March 25	20 0
1933	October 1	21 1
1933	December 31	21 3
1934	February 2	31 5
1934	February 23	36 9
1934	April 5	17 9
1937	March 17	48 3
1938	January 22	22 0
1938	May 28	28 9

MARYBOROUGH.

Year.	Date.	Height.
		ft. in.
1875	February 28	29 6
1890	March 13	32 3
1893	February 5	40 3
1898	January 12	31 10
1913	January 17	17 8
1920	January 7	16 6
1921	April 6	17 6
1921	December 30	16 0
1926	December 19	19 0
1927	January 27	16 3
1928	February 22	22 10
1928	April 24	16 2
1929	April 6	12 6
1930	January 28	10 0
1930	June 30	12 3
1931	February 7	23 8
1937	March 18	21 0

PINE RIVER.*

YOUNG'S CROSSING (NORTH PINE).

Year.	Date.	Height.
		ft. in.
1916	November 30	15 0
1918	January 21	15 0
1921	April 6	20 0
1927	January 27	18 9
1928	February 18	15 0
1928	April 19	22 3
1929	April 3	15 6
1931	February 5	32 0
1934	February 21	19 9
1937	March 16	15 3
1938	January 19	18 0
1938	May 26	18 6

ALBANY CREEK (SOUTH PINE).

Year.	Date.	Height.
		ft. in.
1927	January 27	11 6
1928	February 17	10 3
1928	April 19	14 0
1931	February 5	17 9
1934	February 21	12 9

* Data supplied by Department of Irrigation and Water Supply.

FLOOD NOTES.

1913.—*continued from previous* (1914) *volume.*

21st to 28th February.—General rains; very heavy on parts of coast and in central districts. High floods subsequently occurred in the Thompson, Barcoo, Bulloo, and Paroo Rivers, and in Cooper's Creek. At Longreach, the Thompson rose to within 2 feet of the 1906 flood mark. Railway washaways occurred near Winton, between Hughenden and Richmond, and near Cairns. Station Creek, at Chillagoe, in flood. Floods between Townsville and Broad Sound; 39.98 inches of rain at Sarina in 48 hours.

5th to 6th March.—Mulgrave River in high flood; train traffic dislocated. Country in Cunnamulla district flooded. Bulloo River miles wide.

1st May.—Mulgrave River flood; train services interrupted. Rail traffic between Townsville and Ayr also interrupted by floods.

1914.

24th to 26th January.—Floods in Cairns, Mackay to St. Lawrence and Cloncurry districts; rail and road traffic interrupted.

1st and 2nd February.—Flooding and line washaways between Townsville and Bowen.

17th February.—Floods in Cairns district; water six feet over Mulgrave River Railway Bridge.

24th to 28th February.—Floods between Roma and Charleville and between Goondiwindi and Dirranbandi. Roma flood within 5 feet of record flood level of 1890. Balonne, Ward and Langlo Rivers in high flood; last named highest for many years.

3rd March.—South-western rivers flooded. Paroo highest for 15 years. Damage by flood waters at Mungallala estimated £800.

10th March.—Floods Mackay district.

13th to 16th March.—Line washaways and damage to bridges Great Northern Railway west from Richmond; Malbon Creek Bridge almost destroyed.

23rd to 30th March.—Minor flooding various parts of the State, including the Warrego Division. Damage to railway lines, notably Gayndah Branch. Large dam at Greymare (Warwick district) carried away by flood waters.

6th to 10th May.—Flooding between Gympie and Landsborough; man drowned Cooroy district.

9th October.—Floods between Rockhampton and Yeppoon.

18th November.—Severe local flood Juandah district; railway damage and miles of fencing swept away.

30th November.—Severe local flooding in Charleville district; Bradley's Creek highest for 24 years.

22nd to 31st December.—Local flooding from heavy thunderstorm rain in many localities. Serious damage to property in some instances, amounting to thousands of pounds at Toowoomba.

1915.

20th to 25th January.—Local flooding between Cardwell and Bowen and heavy floods in parts of the north-west quarter, especially between Hughenden and Cloncurry. Much damage to railway lines. Man drowned near Camooweal.

5th to 10th February.—Moderate flood in Mary River and local flooding in other coastal districts south from Mackay. Two men drowned in Stanley River at Woodford.

27th and 28th December.—Flooding in Charleville, Adavale and Longreach districts, and between Charters Towers and Cloncurry.

1916.

21st to 24th January.—Heavy flooding between Port Douglas and Townsville, especially Cairns district.

26th to 28th January.—Heavy flooding in parts of north-west and central-west, especially between Richmond, Cloncurry and Mount Cuthbert, between Emerald and Longreach and between Georgetown and Croydon. Minor flooding between Townsville and Bowen.

1st to 4th February.—Local heavy flooding in many districts, especially between Townsville, Charters Towers and Bowen, in the Charleville, Longreach and Brisbane districts and on the Downs. Two girls drowned near Charters Towers.

3rd to 7th February.—High floods in all Gulf rivers. Man drowned in Cloncurry River. Local flooding between Cardwell, Charters Towers and Bowen.

6th March.—Heavy flood between Birdsville and Bedourie.

29th to 31st March.—Flooding in Muttaburra, Longreach, Blackall districts.

11th April.—Stanley River flooded.

27th June.—Bulloo and Warrego Rivers, and Cooper's Creek flooded.

18th July.—Cooper's Creek and Bulloo River in big flood.

20th July.—Warrego and other rivers west of Charleville flooded. Man drowned near Charleville.

31st July.—Bulloo and Warrego Rivers again in high flood.

24th October.—South-western rivers flooded; Bulloo River miles wide.

29th October.—Local flooding in Rockhampton, Clermont and Mt. Morgan districts.

28th to 30th November.—All south-western rivers in high flood.

4th December.—Langlo, Ward and Bulloo Rivers in high flood.

9th to 14th December.—Many interior rivers and creeks flooded. Flood at Goondiwindi only 1 foot lower than record flood of 1890. Barcoo in high flood; railway submerged and considerably damaged between Blackall and Yalleroi. Warrego and other south-western rivers also in high flood.

26th to 30th December.—Highest floods on record in Theresa Creek, and the Comet, Nogoa and Mackenzie Rivers. Lower part of Clermont submerged on night of 28th; great destruction of property, heavy loss of stock, and 61 persons drowned. Considerable damage to property at Sapphiretown. Extensive damage to railway lines in many localities. Barcoo and some south-western rivers again flooded. Floods in Eton-Mackay district.

29th to 31st December.—Coastal rivers between Cardwell and Bowen flooded.

1917.

1st to 4th January.—Severe flooding in north-eastern part of State. Unprecedented floods in Flinders River; great damage to property; enormous loss of stock and several persons drowned. Portion of Burdekin Railway Bridge washed away.

1st to 9th January.—Several south-western, central-western and north-western rivers flooded. Flood in Fitzroy River at Rockhampton within 3 feet of highest on record.

13th to 16th January.—Flooding and damage to railway along Great Northern Line. Theresa, Capella and other creeks again flooded. Norman River flooded.

26th January.—Floods in Macintyre and Weir Rivers, also in Paroo and Bulloo Rivers and Cooper's Creek.

Flood Notes—*continued.*

1st to 14th February.—Widespread and serious flooding in most of the inland rivers, especially in the south-west where some record levels reached. Considerable damage to railway lines, fences, &c. Several towns isolated. Burdekin River flooded.

1st to 13th March.—Further severe flooding in most interior rivers, notably the Thompson, Barcoo, Bulloo, Paroo and Warrego. Widespread and serious dislocation of rail and road traffic over all inland divisions, and much damage to lines. Highest flood for 20 years at Charleville and Adavale, parts of which towns were inundated. Mackenzie and Fitzroy Rivers and adjacent streams, including Theresa Creek (Clermont) and Burdekin River also flooded. Man drowned in flooded Kolan River near Bundaberg.

23rd and 24th September.—Local flooding many districts south from the Tropic, more general on the Downs and in the south-west, where several streams in high flood.

5th November.—Flood Innisfail district.

8th November.—Flood Longreach district.

16th November.—Floods in Chinchilla and Goondiwindi districts. Loss of stock, and damage to property in latter area.

22nd November.—Local heavy floods in various parts of central and south-eastern districts, especially between Emerald and Clermont, where bridges and lines damaged. Two men drowned near Longreach.

11th to 17th December.—Many creeks and rivers in south-eastern quarter flooded. Strong floods in Warwick and Yandilla districts. Floods in Gulf country.

1918.

2nd January.—Flooding between Emerald and Clermont.

6th January.—Local flood at Mackay, where 10.64 inches of rain in 24 hours.

10th and 11th January.—Further floodings between Emerald and Clermont. Emerald streets submerged. Flooding also between Emerald and Longreach, and between Tambo and Blackall. Several north-western and south-western rivers flooded. Cooper's Creek 12 to 18 miles wide. Leichhardt River 5 feet over railway.

16th January.—Cloncurry River in flood.

17th January.—Minor flood at Rockhampton. Inkerman Bridge submerged. Flooding in Chillagoe district.

19th to 22nd January.—Disastrous and most severe flood on record at Mackay (associated with intense cyclone), where 24.70 inches rain fell in 24 hours. Twenty lives lost; enormous damage to property. All rivers between Townsville and Gladstone affected. Unprecedented floods in the Burdekin and Fitzroy Rivers. Highest flood on record at Rockhampton (31 ft. 11 in.); two or three lives lost. Man drowned at Townsville. Portion of Don River Bridge at Bowen washed away. High floods experienced in all tributaries of Fitzroy and Burdekin Rivers, especially the Dawson, Mackenzie, Comet and Nogoa Rivers.

22nd to 31st January.—After crossing the coast, the "Mackay" cyclone produced heavy rain over most of the State and practically all streams were flooded to some extent with consequent widespread dislocation of traffic, especially over central and southern zones.

February.—Flood conditions of latter part of January continued during the first half of February, accentuated in some localities by heavy storm rains. Serious flood in Barcoo River reported on 5th. Rail and road communication between Brisbane and northern and central districts not restored until late in month.

9th to 11th March.—Temporary flooding of rivers between Cairns and Mackay from heavy rains associated with disastrous cyclone which crossed coast near Innisfail. Large part of Ingham inundated. Highest flood on record at Halifax.

20th to 26th April.—Minor flooding in parts of central-west and south-west. Damage to railway lines and bridges.

6th December.—Severe local flood in Goomeri district; railway damaged, train derailed; stock drowned.

30th December.—Heavy local flooding in Longreach district; 1,000 sheep lost.

1919.

5th January.—Heavy local flood between Warwick and Killarney; heavy loss of stock and crops.

12th to 21st January.—Severe flooding in Gregory, Leichhardt, and Cloncurry Rivers. Much damage to railway.

22nd February.—Flood at Blackall. Barcoo River 2 feet over new bridge.

1st and 2nd March.—Floods in Warrego, Barcoo and Thompson Rivers.

3rd and 4th March.—Flooding in Macintyre and Condamine Rivers; serious washaway on Mary Valley Line. River 8 miles wide at Ellangowan, where flood highest for 20 years.

31st December.—Local flooding scattered parts of south-east quarter; 40 head of cattle drowned at Pittsworth.

1920.

5th to 8th January.—Mary and Maroochy Rivers flooded. Man drowned at Kin Kin. Bridge washed away at St. Helens (Maryborough district).

17th to 22nd January.—Local heavy flooding in the north-west, central-east and south-east, chiefly in coastal rivers between Townsville and Rockhampton. Railway bridges between Ayr and Mackay damaged.

25th to 31st January.—Local heavy floods in the north-west and between Townsville and Mackay. Flinders River at Hughenden in high flood.

1st February.—Flooding in Cloncurry district; railway bridge damaged at Macgregor Junction.

4th to 7th February.—Flooding between Cooktown and Cardwell (disastrous cyclone crossed coast between Port Douglas and Innisfail) and west therefrom to the Gulf. Man drowned in Russell River; another in Daintree River. Record flood at Normanton (20 feet over rails); enormous losses of cattle. Leichhardt River 16 feet over rails.

7th to 9th February.—Further flooding between Cooktown and Cardwell.

10th February.—Maranoa River in high flood. Balonne and Warrego Rivers in moderate flood.

19th to 24th April.—Some heavy flooding in coastal rivers between Cooktown and Ayr. Mulgrave River highest for many years. Local flooding in Carpentaria, Central and Western Divisions.

30th April.—Floods Babinda district; washaways and wrecked bridges reported.

6th to 7th May.—Floods between Cooktown and Bowen and in some northern interior rivers. Mulgrave and Etheridge Rivers in high flood.

14th June.—Warrego, Ward, Bulloo, Paroo and Langlo Rivers in high flood.

Flood Notes—*continued.*

1st to 5th July.—Floods in Balonne, Severn, Warrego, Bulloo, Barcoo and Paroo Rivers and tributaries. Bulloo and Blackwater Rivers highest ever known. Cooper's Creek 17 miles wide. Many miles of fencing swept away; serious losses of stock reported.

14th to 17th September.—Local floods in several districts south from Tropic; resulted from heavy thunderstorm rains.

15th October.—Local heavy flooding in the Mt. Perry and Gayndah districts.

20th to 24th October.—Barcoo, Warrego, Maranoa and other western rivers in flood.

4th to 6th December.—Blackwater and Bulloo Rivers in flood.

6th December.—Local heavy flood between Cloncurry and Kuridala; serious washaway on line.

8th and 9th December.—Flooding in Rosedale, Bundaberg, Maryborough and Blackall districts. Man drowned in Barcoo River near Tambo.

1921.

8th to 11th January.—Floods between Cooktown and Cairns. Mulgrave River and few other streams in high flood. Railway bridge at Gordonvale submerged. Some cattle drowned.

13th to 16th January.—Local floods between Townsville and Rockhampton, and between Rockhampton and Clermont.

17th to 22nd January.—Flooding between Cooktown and Townsville.

21st and 22nd February.—Floods in Bulloo River and Cooper's Creek. Record flood at Adavale. Man drowned near Thylungra Station.

27th to 28th February.—Local flooding between Port Douglas and St. Lawrence.

4th to 9th March.—Floods between Blackall and Emmet, in St. George district and between Charleville and Quilpie. Langlo and Bulloo Rivers and Cooper's Creek in high flood. Two men drowned near Thargomindah.

7th to 9th March.—Floods between Cairns and Cardwell. Low-lying parts of Innisfail submerged.

11th to 14th March.—Floods between Townsville, Mackay and Sarina. Residential areas of Mackay inundated. Floods in Proserpine district heaviest for years. Mulgrave and Johnstone Rivers in flood.

17th to 22nd March.—Some heavy flooding between Cooktown and Cardwell, especially in vicinity of Cairns, low-lying portions of which were submerged.

25th to 30th March.—Severe flooding between Port Douglas and Cardwell, especially in Cairns district. Extensive damage to lines and bridges. Heavy loss of cattle.

1st to 6th April.—Some heavy flooding of rivers flowing into south-eastern and southern sections of Gulf of Carpentaria.

6th to 8th April.—Most of the coastal rivers south from Gladstone flooded. Considerable dislocation of rail and road traffic and some damage to lines, &c. Bundaberg, Maryborough, Gympie and other centres temporarily submerged, but no very serious inundations reported.

6th to 13th June.—Big floods in practically all south-western rivers. Man drowned near Charleville, where water highest for 10 years. Many streams in other sub-tropical districts flooded. Widespread dislocation of traffic and considerable loss of crops. Water 2 feet deep in main street of Goondiwindi, where flood highest since 1890.

1st to 6th July.—Practically all sub-tropical rivers and streams flooded to some extent. Almost general dislocation of traffic. Serious inundations in many districts, especially at Goondiwindi where river little higher than in June flood. Water 2 to 3 feet deep in main street. Heavy losses of stock in Goondiwindi area, 5,000 head of sheep being drowned in one district, and 2,000 in another.

12th July.—Flood in Chinchilla district.

20th to 26th July.—Most rivers flooded in the south-eastern part of the State, as far west as the Maranoa and Bolonne. In the Maranoa and Darling Downs Divisions, and far southern part of the South Coast Division, floods most extensive since 1890 or 1893. Goondiwindi experienced its third big flood in three weeks; water little higher than in two earlier inundations, and only 2 inches lower than the record flood of March, 1890. Lower portion of Warwick and the eastern part of Roma submerged. Several houses at Texas washed away and two men drowned. Man drowned at Inglewood. Heavy stock losses reported from several districts, and damage to bridges and roads, and destruction of crops amounted to thousands of pounds.

3rd to 7th September.—Floods in Mackay-Finch Hatton district, Rolleston and Blackall districts, and all south-western rivers flooded.

26th to 31st December.—All coastal rivers and the Condamine, Macintyre, Maranoa and Warrego Rivers flooded to some extent. Town of Chinchilla submerged and considerable damage done to property. Most of Mitchell and parts of Dalby inundated. Wharves and low-lying parts of Bundaberg submerged. The Logan River and the Burnett River (at Gayndah) highest since 1893. Seven drowning fatalities (one each Brisbane, Bundaberg, Kalbar, Gin Gin, Mundubbera, Miriam Vale and Townsville). Considerable damage to bridges, roads, &c., and very heavy stock losses reported.

1922.

1st to 11th January.—December 1921 floods still seriously affecting the Balonne River country. Local flooding from heavy thunderstorms, notably at Mareeba on 9th, and at Tambo on 11th.

29th to 31st January.—Floods in Norman River and other streams flowing into southern end of Gulf of Carpentaria.

1st to 10th February.—Floods in all rivers draining from Central Queensland towards Lake Eyre and the Darling River. Floods also in basins of Burdekin, Fitzroy, Burnett and Mary Rivers, and heavy fresh in Brisbane River. Parts of Rockhampton submerged. Longreach and Winton streets inundated. Complete dislocation of traffic in central districts. Extensive damage to lines, &c., and a bridge washed away at Saltern. Thousands of sheep lost. Man drowned near Winton, and another at Corfield.

12th to 18th February.—Heavy floods between Port Douglas and Mackay. Serious damage to roads and railways. Parts of Bowen submerged.

26th to 28th February.—Floods in Cairns hinterland. Bridges at Mt. Surprise and Hobble Creek seriously damaged and railway traffic disorganized. Bullock Creek highest for 33 years.

20th December.—Bulloo, Ward and Warrego Rivers flooded.

19th to 21st December.—Local flooding Blackall, Jericho, Blair Athol, Emerald and St. Lawrence Districts. Damage to lines. Lad drowned at Jericho.

Flood Notes—*continued.*

1923.

3rd to 4th January.—Local floods Taroom, Killarney and Clermont districts.

22nd to 29th March.—Some flooding in coastal rivers between Cooktown and Cardwell.

10th April.—Flooding of Injune Creek caused damage to railway line near Injune.

4th December.—Local heavy flood near Murgon; railway damaged.

21st December.—Heavy flooding Gayndah district; railway traffic interrupted. Columboola district submerged.

24th December.—Flooding in the Warrego, Langlo and Ward Rivers.

26th December.—Flooding in the Dalby and Cecil Plains district.

1924.

3rd to 10th January.—Floods in all south-western rivers from and including the Maranoa, and local flooding of the Condamine. Portions of Adavale and Charleville inundated.

4th February.—Flooding in Juandah-Taroom district. Serious washouts on railway near Juandah. Much damage to property and loss of crops. Flood at Springsure; one man drowned; serious line washouts. Low-lying areas of Brisbane submerged; boy drowned at Zillmere.

8th February.—Paroo River in high flood.

11th February.—Heavy local flood at Toowoomba. Flooding in Lockyer district.

12th to 29th February.—Local flood rains in most divisions. Many rivers and creeks heavily flooded; much damage to railway lines and widespread dislocation of mail and road transport services.

1st to 4th March.—Inkerman Bridge (Burdekin River) submerged.

4th to 8th March.—Floods in all rivers flowing towards the Darling and Lake Eyre. Serious floods in many districts, especially in Longreach, Augathella and Charleville areas. Some south-western rivers highest for 20 years. Much damage to railways and roads reported, and many sheep lost. Man drowned at Muttaburra. Many rivers and creeks in central-east and south-east flooded.

9th March.—Inkerman Bridge again submerged.

9th to 12th March.—Floods between Cooktown and Townsville; much damage to railway and dislocation of traffic.

12th to 14th March.—Floods in Dirranbandi, Adavale, Thargomindah and Cunnamulla districts. Severe at Cunnamulla, where a man drowned.

13th March. — Flooding between Hughenden and Richmond.

5th to 9th April.—Flooding between Port Douglas and Mackay. Portions of Bowen submerged.

4th to 11th July.—Local flooding in some sub-tropical coastal rivers, chiefly the Burnett and Mary, also in the Balonne River.

29th to 31st August.—Barcoo, Warrego and Langlo Rivers flooded. Dislocation of traffic in Blackall district, where such conditions had not been experienced in August for over 30 years. Local flooding other parts of central and southern interior.

29th September.—Local floods in south-west. Traffic dislocated between Charleville and Augathella.

7th October.—Flooding between Charleville and Tambo.

21st to 24th October.—Local flooding in South Coast and Darling Downs Division. Parts of Goomeri submerged. Much damage to roads and bridges.

3rd November.—Railway between Mackay and Proserpine damaged by floods.

6th to 24th November.—Flooding in the Nogoa, Barcoo, and most streams in southern divisions west from the Condamine, especially in south-western rivers. Big floods in Augathella and Charleville districts. Widespread dislocation of traffic in the south-west. Damage to property and stock losses reported. Man drowned in Barcoo River at Isisford.

19th November.—Railway damaged by floods between Mackay and Proserpine.

13th December.—Some flooding in the Georgina, Leichhardt, Cloncurry, Gregory and other north-western rivers.

16th to 30th December.—Some local heavy floods, chiefly in Chinchilla district on 16th, and in Charleville country on 17th.

1925.

19th to 31st January.—Big floods in several south-western rivers and local flooding in parts of south-eastern, central, and north-western districts.

1st to 6th February.—Floods occurred in most rivers in tropical portion of State; severe in some coastal streams between Mackay and Cairns, notably the Burdekin, Haughton, Herbert, Johnstone, Proserpine, and Tully Rivers. Extensive railway line washaways between Cardwell and Bowen, and bridge over Burdekin at Inkerman collapsed, a length of 237 feet being swept out of position. Railway traffic completely disorganized. Floods in Innisfail district caused early cessation of cane crushing operations, 26,000 tons of cane being left standing.

1st to 3rd March.—Floods experienced in the Innisfail district. Railway bridges over Tully River submerged and railway traffic seriously disorganized. Again during latter half of period railway services interferred with by floods in Tully, Herbert, and other north-coast rivers. During last week several western rivers were flooded and there was serious dislocation of traffic, especially between Cloncurry and Hughenden and in the south-west.

11th, 12th March.—Mary River flooded.

16th to 18th March.—The Stanley, Caboolture, Pine, Logan, and Albert Rivers flooded.

20th March.—The Pioneer River and tributaries (especially Castle Creek) flooded. Flood in Langlo River on 21st.

22nd March.—Flood in Thompson River.

23rd March.—Barcoo River in high flood.

5th to 15th April.—Floods in the Tully, Johnstone, Russell, Daintree, and other north coastal rivers; dislocation of railway and road traffic.

18th to 22nd June.—Most south coast rivers and creeks rose considerably. Flood in Mary and Stanley Rivers. Railway line washaways and damage to bridges and roads.

15th to 18th December.—Local floods in south-eastern districts, particularly between Beenleigh and Tweed Heads (Logan, Albert, and Coomera Rivers), and at Gympie.

31st December.—Local floods southern interior. Railway damage Dirranbandi line.

1926.

1st to 8th January.—Local heavy flooding coastal districts south from Mackay and in sub-tropical interior. Numerous line washaways and several bridges damages. Boy drowned at Ipswich.

Big floods in Paroo and Bulloo Rivers, later at Thargomindah highest for 35 years.

18th to 19th January.—Floods between Townsville and Cairns; serious dislocation of traffic.

Flood Notes—*continued.*

27th January.—Local flooding on downs; some line washaways.

7th to 10th February.—Flooding between Cardwell and Ayr and between Townsville and Charters Towers. Considerable damage to railway lines, loss of crops and serious dislocation of traffic. Child drowned at Townsville.

21st to 27th March.—Considerable flooding in Paroo and Bulloo Rivers. Latter reached record level in parts of Thargomindah district.

1st to 7th April.—Flooding in Tully and one or two other rivers between Cooktown and Cardwell; railway traffic disorganized.

12th to 13th May.—Bulloo and Paroo Rivers in flood.

14th to 17th May.—Flooding in Balonne River and tributaries.

17th May.—Some flooding in south-eastern rivers, especially in Burnett and Wide Bay districts.

27th to 30th September.—High floods in Paroo and Bulloo Rivers; mail and transport services dislocated.

Flooding also in Barcoo and Thompson Rivers. Man drowned near Jundah.

16th to 31st December.—Most creeks and several rivers in eastern half of State flooded.

Serious flooding mainly confined to Mary River and tributaries. Wharves and low-lying parts of Maryborough submerged. Rail and road traffic greatly disorganized. Bridges damaged and few swept away. Heavy losses of stock and crops. Man drowned at Kilkivan.

Burdekin and Burnett Rivers reached high levels. Submerged bridges and line washouts dislocated traffic.

Flood in Stanley River disorganized traffic between Woodford and Kilcoy. Loss of stock in Brisbane River Valley. Railway near Goondiwindi submerged.

1927.

January.—Local flooding during first half of month, notably in Brisbane on 4th when low-lying parts under water, and at Southport on 9th.

15th to 31st January.—Practically all eastern rivers flooded, notably the Tully, Herbert, Johnstone, Burdekin, Burnett, and Mary. Traffic seriously disorganized, especially in north. Extensive railway washouts, and several bridges in Cairns district destroyed. Township of Fossilbrook washed away.

Gympie district seriously affected and wharves and low-lying parts of Maryborough inundated. River at Maryborough reached highest point since 1898. Loss of life from drowning occurred at Townsville, Mackay, Wowan, and Maryborough. Several cane farms sustained considerable damage.

Serious landslides occurred in parts of South Coast Division, especially Blackall Range country; much damage to property and a house near Palmwoods completely demolished. In Nerang district thousands of banana plants slipped from the hillside and were washed away.

Stanley and Upper Brisbane Rivers flooded; strong fresh only in lower reaches of Brisbane, but many metropolitan suburban districts submerged. Low-lying parts of Ipswich under water. Railway traffic parts of northern Downs blocked by washouts. Man drowned near Mitchell.

1st to 13th February.—Flooding occurred in various parts chiefly in North Coast Division. Railway traffic on Downs (Tara and Pittsworth lines), between Richmond and Cloncurry, north from Bowen, between Emerald and Clermont and in Upper Burnett district interrupted owing to submerged lines and numerous washouts.

Portion of Surat under water. Drowning fatality near Toowoomba, and seven persons drowned in Condamine, near Miles. Crops in West Moreton district considerably damaged. Large dam at Koorboora wrecked.

Very serious and some unprecedented floods occurred in the Tully, Herbert, Johnstone, Burdekin, and other north coast rivers. At Tully, Cardwell, and Charters Towers floods said to be highest on record. Railway traffic north from Bowen completely disorganized. Considerable damage to lines, especially on Etheridge Branch. Miles of washaways and numerous bridges carried away.

Several townships, including Halifax, Ingham, Innisfail, and Tully, partly submerged. Hundreds of people forced to leave homes. At least 39 were drowned—23 at Ingham, 15 at Cardwell, and 1 at Townsville. Many houses washed away. Losses of crops, property, and stock very considerable, amounting in the Herbert River district alone to not less than £300,000. 2,500 cattle and 1,500 horses drowned at Ingham.

Grain silos at Atherton, Kairi, and Tolga badly damaged, and sea wall at Cairns broken in several places.

15th to 22nd February.—Some north-western rivers flooded. A man was drowned in the Leichhardt. Georgina 4 miles wide at Urandangie.

Damage to the Dirranbandi railway caused by flood in Balonne River.

5th to 14th and 24th to 26th March.—Local flooding in several areas. Mary River was twice over bridges near Gympie. Walker's wharves at Maryborough submerged, also the railway bridge over Barambah Creek. Man drowned in Deep Creek (Gympie district).

Stanley flooded and railway line damaged between Woodford and Kilcoy. The Murrumba and Wivanhoe bridges (Upper Brisbane) covered; crops damaged.

Floods in Coomera and Nerang Rivers, Tallebudgera Creek, and other streams in south-eastern corner caused considerable damage to roads and fences, loss of crops and stock.

In parts of Charleville district houses invaded by water 9th; household goods and poultry washed away.

Railway washouts occurred between Malbon and Duchess.

Dawson River overflowed railway bridge at Taroom.

The line between Emerald and Clermont submerged.

29th March.—Coastal rivers between Cairns and Innisfail flooded.

1st to 2nd April.—Minor flooding in several south-eastern rivers, chiefly the Burnett, Mary, and Stanley. Numerous bridges submerged; dislocation of traffic and damage to roads and railway tracks.

7th April.—Rivers between Cairns and Ingham flooded; rail traffic greatly disorganized.

1st to 4th October.—Heavy local flooding in south-eastern districts, including low-lying parts of metropolis. Many bridges submerged and some damaged.

25th October.—Some flooding in the Warrego and adjacent streams.

28th to 30th November.—Streams between Beenleigh and Tweed Heads flooded.

22nd to 31st December.—Extensive floods in central and south-western parts of State latter half of month. Only coastal river seriously affected was the Pioneer. Many streets of Mackay submerged. Damage to railway and traffic dislocation. Youth drowned at Mirani.

The Nogoa, Belyando, Barcoo, Thomson, Diamantina, Ward, Bulloo, Paroo, and Warrego Rivers and their tributaries all flooded and in many districts completely disorganized rail and road traffic. Lines submerged at several places and numerous "washouts" reported. Mail services suspended and shortage of

Flood Notes—*continued.*

supplies experienced. Bridges damaged, miles of fencing swept away, and many sheep drowned. Man drowned in Barcoo (near Blackall), another in Warrego (near Charleville), one in Cornish Creek (near Muttaburra), and another in Thompson River (near Longreach).

1928.

January.—December floods continued in south-west during first week. Otherwise only local flooding in southern and central-eastern districts.

Traffic disorganized by flooded Warrego and Ward Rivers about middle of month.

Rail damage Bowen district on 19th and near Goomeri on 30th.

6th to 10th February.—Local flooding in coastal region south from Bowen, chiefly southern half of South Coast Division. In Blackall Range and Moreton districts several farms and cane fields inundated with serious damage to crops; railway service interrupted, and road traffic completely suspended, mainly on account of submerged bridges.

13th to 22nd February.—Floods fairly general and more serious over the eastern half of the sub-tropical zone; practically all streams east from and including Barcoo and Warrego Rivers affected. Widespread disorganization of railway services resulted from line inundations and washaways, and stoppage of road traffic reported from most parts.

Primary industries very seriously dislocated. Considerable losses of crops, stock, and property sustained, particularly in South Coast and Darling Downs Divisions. Numerous bridges submerged, some swept away and others damaged severely.

Heavy expenditure necessary for reconstruction of roads and bridges in the Nambour district alone.

Loss to dairy farmers in Beaudesert district, through inability to get cream to factory, amounted to thousands of pounds.

Five drowning fatalities, one each in the Gin Gin, Pittsworth, Charleville, Dalby, and Gayndah districts.

The Condamine and Maroochy Rivers reached highest levels for many years, and the floods in the Coomera, Mudgeeraba, Nerang, Rathdowney, and Tallebudgera districts reported to be worst in history of districts.

Floods waters at Killarney 2 feet deep in the main street.

Parts of Bundaberg and Maryborough under water and in latter city houses partly submerged.

Floods in Stanley and Upper Brisbane very high, but in metropolitan reaches of latter only moderate fresh experienced.

27th to 29th February.—Floods in the Herbert, Johnstone, Mulgrave, Tully, and other north coast rivers, and delays to rail traffic resulted.

1st to 6th March.—During first few days floods between Mackay and Cairns. Railway traffic greatly disorganized and crops damaged.

Minor flooding between Wallangarra and Thallon at end of month.

4th April.—Minor flooding first few days in several localities on coast south from Tewantin.

10th April.—Local flooding in south-west; railway submerged near Quilpie.

17th to 24th April.—Foods experienced over greater part of south-eastern quarter and adjacent portions of south-west.

18th to 21st April.—First serious inundations in coastal country between Gympie and Tweed Heads. Road traffic completely disorganized and railway trains held up for lengthy periods owing to submerged bridges, landslides, and washaways. Floods said to be highest on record in one or two instances. Several centres isolated. In many cases crops ruined, and very heavy losses resulted from drowning of stock and inability to get cream to factory and produce to market.

Only a big fresh in lower reaches of Brisbane River, but many of the low-lying parts of the metropolitan suburbs were inundated and the damage to city streets, bridges, &c., was estimated at £50,000. Lad was drowned at Graceville.

The Burnett and Mary Rivers submerged railway in places and delayed traffic. Low-lying portion of Bundaberg and Maryborough were flooded. Loss of crops in several districts.

Interior rivers as far west as the Bulloo flooded, road traffic disorganized fairly generally, and mail services delayed. Flood in Bungil Creek, Roma, considered a record. Quilpie isolated. Maranoa River was highest for seventeen years, and some homesteads in the Mitchell district cut off.

20th to 24th April.—More serious inundations in Lower Fitzroy and Dawson Rivers and streams in Dawson Valley. Floods in latter of disastrous and probably unprecedented nature. House at Walmul (Dee River district) washed away and its seven occupants drowned. One or two other drowning fatalities reported.

At Mount Morgan, houses, fences, and bridges (including the railway bridge over the Dee River) swept away and damage to extent of thousands of pounds done to streets, &c.

At Rockhampton several houses vacated; 1,000 bales of wool submerged; river craft sustained much damage, and very considerable expenditure necessary to put streets, &c., in order.

Rail traffic north from Gladstone and west from Rockhampton was completely dislocated, and mail trains delayed for several days.

Extensive damage to railway property occurred at Rannes and the State Coal Mine at Baralaba collapsed.

Heavy damage to crops, &c., and loss of stock; 3,000 head of cattle washed away from one station alone.

May.—April floods continued in Dawson Valley country during first few days.

16th July.—Some flooding in Severn and Macintyre Rivers. Bridge submerged Wallangarra district.

12th to 19th December.—Bulloo, Cooper's, Langlo, and Paroo Rivers, and many creeks in the south-west and central districts in high flood. Stock losses sustained.

17th December.—Heavy local floods in Clifton district.

27th December.—Local flooding between Townsville and Bowen; railway submerged and damaged.

1929.

2nd to 15th January.—Flooding in most rivers of North Coast and Central Coast Divisions. Floods serious in many districts, especially between Cairns and Proserpine. Railway traffic completely disorganized for about a fortnight.

Low-lying parts of Cairns and Innisfail submerged; several motor boats lost latter place. Sugar Mill and low-lying parts of Proserpine inundated. Much damage to farms in various localities. Man drowned at Ingham.

In same period floods also in parts of tropical interior. Einasleigh and Cloncurry Rivers flooded and railway traffic interrupted. High flood in Western River near Winton caused extensive line washouts and serious delay to traffic.

19th to 24th January.—Floods occurred in the coastal regions south from Gladstone and between Mackay and Townsville. Burnett River district most seriously affected. Several shops and dwellings in Bundaberg partially submerged. Heavy losses of crops. Numerous bridges covered and some damaged. Rail traffic completely disorganized by washouts and submerged lines, especially in Gayndah district and road traffic suspended for several days; one bridge 24 feet under water. Youth drowned at Abercorn. Most bridges and parts of railway between Mackay and Townsville inundated and train traffic dislocated. Proserpine River reached almost record level.

Flood Notes—*continued.*

Stanley and Upper Brisbane Rivers flooded, but a strong fresh only in city reaches of the Brisbane.

3rd to 6th February.—Floods in Herbert, Johnstone, Mulgrave, and Tully Rivers. Low-lying parts of Innisfail submerged.

Local flooding during first half of month in south-eastern districts, particularly in Cooroy, Rosewood, and Southport–Springbrook districts. Much damage to fences and bridges.

20th to 24th February.—Floods in Burnett and Lower Fitzroy districts (record fall of 31 inches in three days at Rockhampton). Serious washaways and submerged lines completely dislocated traffic for several days. Much loss of stock and destruction of crops, fences, &c. Damage in Monto district estimated at £10,000. Low-lying portions of Rockhampton inundated and roads and bridges there and also at Mount Morgan damaged considerably. Two men drowned (one at Rockhampton and the other at Gracemere.

26th to 28th February.—Most rivers in North Coast Division again in flood; traffic between Cairns and Townsville completely dislocated. Portion of Cairns inundated. Three persons drowned.

March 1st to 2nd.—Floods in Nerang and other rivers in south-eastern corner.

7th and 8th March.—Minor flood in Burdekin River.

12th March.—Herbert, Johnstone, and Tully Rivers in flood. South Tully district inundated. Man drowned at Brandon.

24th to 31st March.—Isolated local flooding. Herbert River over rails at Ingham on 31st. Burke River at Boulia in flood for first time for many years.

1st to 4th April.—Most creeks and smaller rivers in eastern half of State flooded. Widespread dislocation of traffic and mail services greatly disorganized. Much loss by damage to roads and inundation of farms. Low-lying suburbs of metropolis under water. Three deaths from drowning, one each in Rockhampton, Mount Perry, and Injune districts.

Flinders River at Hughenden highest since 1917.

Floods extended as far west as the Warrego and Nive Rivers; streets of Augathella submerged.

On 20th and 21st most streams on and near coast south from Bundaberg flooded. Bridges submerged and traffic disorganized.

17th June.—Lower tributaries of Fitzroy River flooded particularly Moore's Creek.

30th June.—Flooding in Pine and Nerang Rivers and many of the smaller streams south from Brisbane.

11th, 12th October.—Local flooding in south-eastern districts. Nerang River in heavy flood.

12th November.—Some local flooding in north-west. Man drowned in Cloncurry River.

December.—Local and minor flooding of streams in isolated districts at beginning and during last few days of month.

1930.

5th to 9th January.—Heavy flooding of practically all rivers between Townsville and Cooktown. Submerged and damaged bridges, washaways, &c., caused complete dislocation of rail and road traffic, serious delays to mails and much loss of crops. Innisfail isolated and some wharves submerged. Man drowned in Liverpool Creek.

20th to 31st January.—Floods over greater part of State. Peninsula and far north-west rivers not affected and floods only slight in Maranoa, Downs, and southern part of South Coast Divisions.

Traffic between Townsville and Cairns again completely disorganized and low-lying portions of latter inundated. Submerged bridges and roads, line washouts, and other damage were responsible for very serious traffic interruptions and mail delays in many other districts, notably in the Mackay–Townsville, Cloncurry–Mount Isa, Hughenden–Winton, Longreach–Aramac, and Adavale–Charleville–Quilpie–Cunnamulla regions. Three railway passengers drowned whilst being ferried across Burdekin River. Drowning fatalities occurred in the Warrego, Pioneer, and Haughton Rivers.

Damage to bridges and roads in Mackay district estimated at £10,000. Bridge near Mount Isa wrecked. Low-lying parts of Mackay submerged. Some south-western station homesteads inundated. Water 9 feet in the streets of Adavale where shops, &c., damaged to the extent of £1,500. Flood said to be highest since 1890. Cooper's Creek reported to be 10 miles wide. Many cattle and thousands of sheep drowned in Warrego, Paroo, and Bulloo Rivers.

Widespread destruction of fences reported and heavy losses sustained by many agriculturists owing to submerged crops and suspension of transport services.

2nd to 10th February.—Supplemented by heavy thunderstorm rains in various localities, especially between Richmond, Cloncurry, and Duchess on 2nd, the January floods continued to seriously affect many parts of western half of State; washouts, damaged bridges, and submerged lines responsible for numerous railway interruptions, notably in the Richmond–Cloncurry–Duchess, Charleville–Quilpie, and Longreach–Winton districts. Road traffic and mail services greatly disorganized.

In same period several coastal rivers (chiefly between Cairns and Mackay) flooded. The Pioneer seriously affected. Several bridges damaged and one at Mirani (valued at £5,000) demolished. Harbour wall at Mackay badly damaged. Rail and road traffic between Cairns and Bowen suspended; several bridges submerged and cane farms inundated. Some bridges over the Stanley and Mary Rivers submerged.

On last day of month Herbert and Tully Rivers again flooding.

1st to 3rd March.—Floods in Herbert and Tully Rivers.

Local flooding in isolated districts later in month. A man drowned in Wallumbilla district.

15th April.—Rivers and creeks between Beenleigh and Tweed Heads flooded.

May.—Isolated heavy local flooding during first few days.

7th to 12th May.—Flooding in various central and southern districts, chiefly South Coast Division. Considerable dislocation of traffic, especially in region south from Maryborough. Numerous bridges damaged and much damage done to crops. Many cattle lost. Man drowned in Callide Creek.

31st May.—Many central and southern streams again flooding.

2nd June.—Flooding in many southern districts, especially south coast. Some towns isolated; crops, roads, and bridges damaged and stock drowned. Bulloo River and Cooper's Creek in high flood.

12th to 16th June.—Local flooding in various parts of south-eastern quarter. Railway damaged between Finch Hatton and Netherdale.

27th to 30th June.—Many coastal streams south from Rockhampton again flooded, especially between Maryborough and Southport. Many bridges submerged, rail and road traffic seriously interrupted, and much damage to crops.

3rd, 4th July.—Minor flooding in various sub-tropical localities.

20th, 21st August.—Local floods Tully and Mackay districts.

23rd to 25th August.—Minor flooding in Darling Downs, Maranoa, and Warrego Divisions.

4th October.—Heavy local flooding between Cooktown and Townsville. Submerged lines and washaways caused train derailment near Bemerside. Business premises in Townsville flooded.

Flood Notes—*continued.*

Flooding also between Hughenden and Winton submerged lines and another train derailment.

11th October.—Minor streams in southern part of South Coast Division flooded. Local flooding in west on 28th, 29th especially in Winton district.

December.—Local minor flooding in isolated districts. Rail washout between Duchess and Mount Isa.

1931.

14th January.—Only isolated local flooding. Sawmill plant, timber, and fences washed away in Goombungee district and some stock drowned.

28th to 31st January.—Some heavy flooding in Carpentaria and coastal districts, chiefly between Cairns and Ingham, where traffic greatly disorganized. Man drowned in Russell River. Washaways on Mount Isa line and rail traffic between Croydon and Georgetown interrupted. Rail and road traffic dislocated also in Blackall Range country.

1st, 2nd February.—End of January floods between Cairns and Ingham continued.

2nd to 8th February.—Most coastal streams south from Townsville were affected. Flooding only local between Townsville and Gladstone, but the Burnett and all streams south therefrom seriously affected. All traffic greatly disorganized by submerged bridges, damaged lines, and roads. Heavy losses caused by destruction of crops and drowning of stock. Streets of Bundaberg, Gympie, and Maryborough submerged.

Brisbane experienced its first flood for 23 years. Most city wharves submerged and water reached almost to Stanley-street, South Brisbane. More serious inundations in parts of suburbs, notably the Milton, Oxley, Rocklea, Fairfield, and Sherwood districts. Two men drowned. Bridges and roads in Greater Brisbane area damaged to extent of about £25,000.

6th March.—Local flooding between Caloundra and Coolangatta. Low-lying parts of Brisbane inundated.

14th, 15th March.—Heavy local flooding in southern interior, particularly Charleville and Wyandra districts. Some Charleville homes partly submerged. Rail washaways on Dirranbandi line.

20th March.—Most south-western rivers flooded. Bulloo in high flood.

April.—All streams west from and including the Warrego River in high flood at beginning of month. Cooper's Creek more than 6 miles wide. Much damage to fences and many sheep drowned.

Local flooding in south-east corner on 19th (when Southport streets inundated) and again on 26th.

13th, 14th May.—Local floods in southern border divisions and the Bulloo River was flooded on 26th.

2nd June.—Bulloo River in high flood. Thargomindah and Quilpie isolated. Local flooding in southern border divisions on 24th.

5th July—Minor flooding in Severn and Macintyre Rivers.

15th to 17th November.—Local flooding in few parts of central and southern interior, especially in south-west, where road traffic disorganized and mail services suspended.

1st to 12th December.—Coastal districts south from Cooktown, greater part of sub-tropical interior and few inland areas north from Tropic experienced floods. In several cases floods serious, especially in the south-west, where transport by rail and road almost completely suspended and food shortage acute.

Man drowned in Warrego River near Charleville and loss of two lives resulted from sudden rise of creek near Toowoomba. Losses of stock and damage to property (dams, fences, &c.) amounted to thousands of pounds.

Flood waters reached main streets of Adavale, Ayr, and Blackall. Serious railway washouts in several localities. Business premises in Toowoomba flooded as result of heavy local storm on 10th.

Low-lying suburbs of the metropolitan area were submerged on 9th. Much damage to roads and bridges, cost of repairs to latter estimated at between £2,000 and £3,000.

26th to 29th December.—Flooding in coastal rivers between Port Douglas and Townsville; rail and road communication between Townsville and Innisfail interrupted.

1932.

16th to 24th January.—Serious flooding in coastal districts north from St. Lawrence, particularly between Cairns and Townsville, and between Ayr and Mackay. Rail traffic completely disorganized owing to line washouts and the destruction of bridge over Elliot River. Two drowning fatalities (a child at Innisfail and a man at Gordonvale). Horses and cattle drowned and crops damaged considerably. Houses in low-lying parts of Innisfail and Tully submerged.

1st to 3rd March.—Most rivers between Cooktown and Townsville flooded. Rail and road traffic disorganized. Minor flooding in same region on 27th.

Flooded streams between Burketown, Camooweal, and Mount Isa in first part of month considerably interfered with mail services.

6th to 13th April.—Minor floods in the Auburn, Burnett, and Mary River districts, traffic dislocated owing to submerged bridges, &c. Man drowned at Mundubbera.

Low-lying flats around Roma submerged on 13th.

16th April.—Bulloo River in high flood, mail and transport services being delayed for several days. Country for miles around Thargomindah under water.

16th to 22nd May.—Most creeks and several rivers in western half of State flooded; considerable dislocation of road traffic and mail services. Burke and Wills Rivers highest for eight years.

7th June.—Cooper's Creek and few other south-western streams flooded during first week; road traffic suspended.

25th November.—Barcoo River in high flood near Blackall.

December.—Minor flooding of streams between Cairns and Lucinda. Isolated local inundations other parts.

1933.

15th to 31st January.—Local flooding in various parts of the South Coast Division and eastern Downs. Between Toowoomba, Clifton, and Pittsworth bridges submerged and some damaged; crops destroyed, sheep drowned, and many fences washed away. Flood waters in main streets of Clifton, Warwick, and Oakey.

Much damage to cotton and corn crops in Burnett district.

Rail and road services disorganized in several districts. Yandilla Station isolated. Laidley Creek reached its highest level for 40 years.

In last week portions of north and west experienced minor floods. Flood in the Bulloo River disorganized traffic between Cunnamulla, Quilpie, and Thargomindah. Flood waters entered houses and business premises in Charleville. Stockman drowned in the Laura River. Submerged bridges and line washouts interrupted railway traffic in Cloncurry, Mount Isa, Etheridge, and Clermont districts.

Flood Notes—*continued.*

2nd to 14th February.—All coastal streams between Cooktown and Ayr flooded to a more or less serious extent. Submerged and damaged bridges and roads completely disorganized all traffic. Railway service between Cairns and Townsville interrupted for at least a week. Low-lying areas of Cairns and Innisfail inundated. The latter town was isolated and water entered some houses.

Portion of bridge on the Barron River washed away. Normanby River 20 feet over the Cooktown–Laura Railway Line.

5th, 6th February.—Georgina River and all creeks between Camooweal, Cloncurry, and Burketown flooded, causing suspension of plane and mail services.

15th to 18th February.—Severe flooding over a large portion of the tropical interior and in parts of the south-west. Extensive damage to roads and railway lines seriously delayed traffic and all transport services disorganized for several days, especially between Hughenden and Cloncurry, and from Hughenden to Winton and Longreach. Walkers Creek (near Hughenden) reached highest level for 27 years. Many sheep drowned.

Bridge between Cloncurry and Mount Isa washed away. The township of Boulia isolated and low-lying parts inundated. Flood there reported to be biggest for 30 years. Record flood heights attained by the Paroo River and Kyabra Creek. Severe damage to property in Quilpie district. Many miles of rabbit and dog fencing washed away.

16th February.—Local flooding in south-eastern quarter, notably at Mount Coolon and between Maryborough and Bundaberg, where road traffic dislocated and mail services interrupted.

26th February.—Minor flooding also in parts of South Coast Darling Downs, and Central Highlands Divisions.

4th April.—Local floods in the Maranoa and Darling Down, Divisions and the Moreton Section of the South Coast Divisions

In the Mitchell district, the Maranoa River rose to highest. level since 1906. About 100 head of cattle lost and much fencing destroyed.

Rail traffic between Dalby and Bell delayed owing to submerged lines. Road traffic dislocated in various localities, especially the Palmwoods, Nambour, and Yandina districts, and between Coomera and Southport. Man drowned in Stanley River.

Low-lying parts of metropolis inundated and some damage to property, particularly in Nundah district where several fences washed away.

17th to 20th April.—Rivers between Cooktown and Ingham flooded. Rail and road traffic disorganized and mails delayed. Town of Innisfail isolated and a man drowned in the Mossman River.

10th to 12th July.—In coastal districts from Bowen to Gladstone, over greater part of the Central Division and adjacent portions of Warrego and Maranoa districts minor flooding in many localities.

At Rockhampton, where 1,155 points fell in 24 hours to 9 a.m., 11th, low-lying areas submerged. Roads damaged to the extent of approximately £7,000. Boats broke from moorings and some pontoons washed away. Railway traffic between Rockhampton and Gladstone and from former to Longreach, Clermont, Blackall, and the Dawson Valley interrupted by submerged lines and washouts.

Traffic dislocated in Charleville district, Warrego River overflowed into streets of Augathella. Some bridges submerged by Barcoo River.

Roads and bridges in Mackay district inundated, 10,000 sheep in Roma district and 800 near Emerald lost as the result of drowning or bogging.

29th, 30th September.—Floods in south-west, also parts of South Coast and Central Highlands Divisions.

Country in the vicinity of Langlo, Ward, and Bulloo Rivers most seriously affected, rail and road traffic being greatly disorganized, mail services considerably delayed, and large numbers of sheep drowned, one station losing 700 head and another 200.

Dynevor Creek Homestead surrounded by flood waters.

Train services between Clermont and Emerald delayed by flooded lines.

In the Burnett district bridges submerged and damaged; fences washed away.

1st to 3rd October.—End of September floods continued in south-western and Burnett district. Parts of Charleville and Augathella inundated. All mail routes in these and the Quilpie, Cunnamulla, and Thargomindah districts closed and the last-named town isolated. Paroo River 4 feet over bridge at Eulo.

Between Bundaberg and Gin Gin much interruption of road traffic owing to submerged and damaged bridges. Minor flooding in same period in various other localities of South Coast Division and the Darling Downs.

Bridges in the Warwick district submerged and the Severn was 8 feet over bridge at Ashford. Road washaways in the Wallangarra district. Road traffic greatly disorganized in several districts, especially in Blackall Range country. The Macintyre flooded near Goondiwindi. Rails to westward of town submerged.

12th October.—Minor flooding in a few districts. Two bridges in Tiaro district washed away and the Culgoa and Balonne Rivers submerged bridges at Dirranbandi.

6th to 13th November.—Local floods in many sub-tropical districts. Numerous instances of rail and road traffic delays and serious disorganization of mail services. Line inundations and washouts reported from several centres. Bridges submerged in many districts, including Chinchilla, Emerald, Dirranbandi, Surat, Charleville, and Tambo.

7th, 8th November.—Floods between Cairns and Townsville and considerable dislocation of traffic resulted.

19th, 20th November.—Warrego, Paroo, Bulloo, and a few other south-western rivers again flooded; rail and road traffic interrupted by submerged lines and bridges, and on 26th a few localities in the South Coast Division affected; a serious line washout occurred between Kingaroy and Morgan.

1st to 10th December.—Floods in parts of the south-west. The Warrego, Bulloo, and Paroo Rivers affected. Parts of Charleville inundated; disorganization of road transport and mail services.

11th December.—Some flooding of creeks in the metropolitan area; a lad drowned in Ekibin Creek.

25th to 28th December.—Minor flooding in coastal districts south from Bundaberg. Road traffic seriously dislocated, especially in the Cooroy–Tewantin and Nambour–Maroochy districts.

31st December.—Rivers between Cairns and Townsville flooded and rail services interrupted.

1934.

1st, 2nd January.—Floods between Cairns and Townsville at end December continued and rivers on the western side of the Atherton Tableland also affected. Rail and road traffic interrupted over greater part of the North Coast Division.

Flood Notes—*continued.*

Floods much more serious in this portion of the State after 22nd, associated with cyclone. Submerged bridges and damaged lines caused almost complete cessation of rail traffic between Cairns and Cardwell during last week of month. Homes vacated at Ingham, Bemerside, Innisfail, Tully, and other centres. Many crops washed away and a man drowned in the Johnstone River near Innisfail.

31st January.—The floods extended to Townsville–Bowen district. Rail traffic across Burdekin River Bridge suspended for a time, and a new weir on the Ross River, near Townsville, damaged to extent of about £6,000.

3rd January.—In southern part of South Coast Division and on eastern Downs minor flooding caused much damage to crops, serious dislocation of road traffic and interruption to rail services. Further disorganization of traffic in coastal districts south from Maryborough on 30th and 31st.

28th to 31st January.—Local floods over western half of State. Submerged rail and line washouts in Hughenden–Cloncurry and Longreach–Winton areas, but the Paroo, Bulloo, and Warrego River districts more seriously affected.

At Charleville record flood experienced, many dwellings and business premises surrounded by water. Mail services greatly disorganized and railway lines damaged.

1st February.—Floods in the south-west at end of January continued over first few days of February; considerable dislocation of road traffic, especially in the Charleville district. Flooding in many other districts in opening week of month. Rail and road traffic between Cairns and Ayr seriously disorganized. Submerged roads and rails and line washouts interrupted traffic in the Hughenden–Cloncurry and Longreach–Winton districts. Lad drowned in Theresa Creek (Emerald district).

Much disorganization of traffic in all coastal districts south from Rockhampton, including metropolitan area where low-lying suburbs submerged. Damage to bridges and roads and loss of stock in various localities.

16th February.—Coastal rivers between Cooktown and Cardwell again flooded, and for remainder of period rail traffic north from Ayr greatly disorganized.

20th to 23rd February.—Local flooding various other parts of State. Rail traffic between Longreach and Winton, and between Hughenden and Duchess interrupted by submerged bridges and line washouts.

The South Coast division most generally affected, especially between Maryborough and Southport. Transport was in many places impossible owing to submerged bridges and roads. Low-lying suburbs of Brisbane again submerged. Loss of stock and crops and damage to fences, &c., in the Pine River district. Man drowned near Wowan.

12th, 13th March.—Floods with cyclone between Cooktown and Cardwell and in several parts of adjacent Range country. Rail and road traffic between Tully and Cairns completely suspended for a couple of days, owing to line washouts and inundations. Cattle drowned and much loss of crops. In several districts homes surrounded by water, but no loss of human life resulted from floods, although many persons were drowned at sea when several small boats were wrecked during the cyclonic blow.

1st to 4th April.—Several rivers between Cairns and Townsville flooded and rail communication cut off. At same time flooding in many streams between Brisbane and Gympie, submerging bridges and roads, and seriously dislocating transport services.

12th April.—Further flooding between Gympie and Brisbane, particularly near Caboolture. At that town main road 4 feet under water which entered some of the houses. Loss of crops sustained in several districts. Minor flooding in one or two other localities. The streets of Quilpie inundated. Rails submerged by the Tully River and train traffic between Cairns and Townsville again interrupted.

22nd to 27th April.—Rail traffic in north once more dislocated owing to lines being submerged by the Babinda, Mulgrave, and Tully Rivers.

8th and 9th May.—Flooding between Southport and Tweed Heads, all transport in this district being disorganized, mail services delayed, and much damage done to roads.

13th to 25th May.—Local flooding between Cooktown and Townsville; considerable dislocation of traffic and damage to roads.

28th, 29th July.—Minor local flooding in the extreme south-eastern corner.

13th and 20th–28th November.—Local flooding (mostly minor) many sub-tropical districts latter half of month. Line inundations and washouts several localities; losses of crops and stock various parts. Man drowned at Warren and another at Hawkwood.

22nd to 31st December.—Flooding in many localities, particularly the Condamine, Macintyre, and Balonne Rivers. Railway lines and bridges submerged in many instances and traffic disorganized. Some flooding of creeks and inundations of low-lying parts in the metropolitan area on 21st.

1935.

19th to 21st January.—All rivers between Burketown and Camooweal in high flood (1,205 points rain at Burketown in 24 hours). Transport seriously interrupted. Heavy stock losses. Otherwise only local flooding, chiefly in Goondiwindi, Inglewood, Dalby, Taroom, Toogoolawah, and Cairns–Mossman districts. Bridge washed away in Dawson Valley. Submerged bridges and serious line washaways in Inglewood district. Dalby streets inundated. Boy drowned near Goondiwindi.

27th, 28th February.—Rivers between Cooktown and Ingham in flood. Railway services disorganized north from Tully.

1st to 6th March.—End of February floods on north coast more extensive and serious. Floods severe in Innisfail and Tully districts. Most parts of Innisfail submerged and many homes vacated. Considerable damage to crops and property. Babinda and Mossman also isolated. Serious rail washaways and complete dislocation of traffic.

25th May.—Minor flooding in Tully district.

28th to 30th June.—Local flooding in north-west and central-west. Dislocation of rail and road services.

8th, 9th July.—Local floods in Central Highlands and Central Coast Divisions, and Port Curtis section of South Coast Division.

August.—Cooper's Creek flooded at beginning of month.

9th and 10th September.—Some local flooding of streams in the Bulloo, Paroo, and Warrego River Catchment areas.

17th October.—Low-lying parts of Brisbane suburbs flooded, especially in Wynnum district, where roads damaged to extent of about £10,000.

1936.

6th to 15th January.—Many western rivers flooded, especially in the north-west and south-west. Floods heavy in Cloncurry–Mount Isa districts. Cloncurry River highest known level and Leichhardt River highest for 20 years.

Big flood in Burke River at Boulia where homes partly submerged and loss of stock reported. Barcoo River over bridge at Blackall.

Railway submerged in several districts and traffic seriously disorganized. Local flooding in few eastern districts. Rail washouts between Bowen and Proserpine. Man drowned near Charters Towers and another in Bell district.

14th to 20th February.—Extensive flooding in coastal areas from Cooktown to Mackay. Some serious inundations, especially in Innisfail district where considerable damage to crops and

roads, and a lad drowned. Two deaths from drowning at Townsville. All transport services disorganized for days. In same period local flooding in parts of north-west and south-west. Rail washouts on Hughenden–Winton line.

29th February.—Burke and Wills Rivers and other far central-west streams in flood.

2nd to 5th and 12th to 26th March.—Almost general flooding over western half of State. High to record levels reached by several Gulf rivers, the Barcoo, Thompson, Ward, Warrego, and Bulloo Rivers, and Cooper's Creek.

Floods severe in Longreach, Barcaldine, Blackall, Normanton, Burketown, Cunnamulla, Quilpie, and Thargomindah districts. Water in main streets of Barcaldine (boats used) and Longreach (where record 24-hour rain of 795 points), and houses partly submerged. Many settlers in Barcoo district forced to leave homes. Stock drowned and fences and dams washed away in several districts.

Burketown completely isolated 2nd to 14th (no mail service there for several weeks). Extensive inundation of railways (50 miles on Croydon–Normanton line which 15 feet under water) and several serious washouts (one of 700 yards in Longreach district).

Cooper's Creek 60 miles wide between Quilpie and Windorah. Three drowning fatalities (one each at Quilpie, Charters Towers, and Ewan).

4th to 22nd March.—Some heavy flooding between Cardwell and Mackay. Burdekin River near Ayr and Herbert River at Ingham several times submerged bridges. Losses of stock in Mackay district where some creeks highest on record. Portion of Pioneer River bridge washed away. Low-lying areas of Mackay submerged and homes partly inundated.

Ross River in high flood; miles of inundated country near Townsville. Sarina isolated.

21st to 23rd March.—Some isolated local flooding in south-eastern quarter, chiefly near Roma and Dirranbandi and in Mary River district.

11th December.—Leichhardt River in flood near Mount Isa. Some local flooding in Bulloo River district about the 21st.

1937.

5th January.—Flooding in Einasleigh and Gilbert Rivers.

13th January.—Floods in Stanthorpe, Texas, and Goondiwindi districts. Many rail washouts. Texas isolated. Some flooding and rail damage also between Mackay and Townsville and in the Sarina district.

10th February.—Some flooding in Thompson River district. Wellshot Creek highest for thirteen years.

12th February.—Flooding in Rockhampton–Mount Larcom–Mount Morgan districts, and between Emerald and Clermont; rail services disorganized. Local floods on 12th in isolated parts, chiefly Dirranbandi (isolated), Taroom and Collinsville districts (girl drowned at Collinsville), and on 15th, mainly in Warrego River district (Augathella isolated) between Emerald and Clermont and near Cracow.

10th March.—Local flooding between Brisbane and Coolangatta and some flooding in Ingham district (Herbert River over bridges).

14th March.—Man drowned in flooded creek near Mackay, and another in Proserpine River.

15th to 20th March.—Widespread flooding over southern divisions; practically all streams west from and including the Warrego affected. Serious inundations many localities. Numerous washaways and extensive damage to roads, bridges, dams, &c.

Heavy losses of sheep in Goondiwindi district and destruction of crops in several areas. Hotel and shop at Apple Tree Creek (Childers district) washed away.

Low-lying parts of Brisbane, Ipswich, Maryborough, Gympie and Warwick inundated. Gympie and Warwick isolated Maryborough flood most severe for several years.

Water 3 feet deep in main streets of Thallon. Dirranbandi solated.

Flood in parts Boonah district highest for 35 years; at Broweena highest since 1893, and at Harrisville since 1911.

In same period some isolated local flooding in central and northern districts. Burdekin Railway Bridge submerged. Line washouts between Julia Creek and Cloncurry, and between Winton and Longreach.

15th June.—Minor flooding in parts of Georgina and Leichhardt River districts.

4th November.—Few local heavy floods in Downs and South Coast Divisions, especially Pine River district where crops destroyed.

Many sheep lost and much fencing washed away in Nobby district.

10th November.—Further local flooding in South Coast Division. Road traffic disorganized between Beenleigh and Southport. Line washaway between Mount Morgan and Theodore.

1938.

19th to 21st January.—Local flooding in Moreton section of South Coast Division, chiefly Stanley River, Nerang River, and Mary Valley districts.

Low-lying parts of Brisbane inundated.

25th to 28th January.—Minor flooding in Warrego, Angellala, Ward, and Barcoo Rivers, also isolated localities in tropical portion of State, chiefly Etheridge area and between Townsville and Cairns. Washouts on Cloncurry–Selwyn, Croydon–Normanton and Blackall–Jericho lines.

31st January.—Isolated local flooding in Downs and South Coast Division. Railway submerged in Cecil Plains district. Low-lying suburbs of Brisbane submerged.

1st to 3rd February.—Local flooding in South Coast and Downs Divisions, especially in Boonah district, where bridge washed away, and in Southport–Nerang–Spring-brook country.

5th February.—Some flooding in Leichhardt and Barcoo Rivers. Low-lying parts of Barcaldine submerged.

15th to 23rd February.—Flooding between Ayr and Cooktown, and in several northern and central interior districts. Considerable disorganization of traffic. Serious washouts between Richmond and Mount Isa, and on Hughenden and Winton lines. Bridges washed away Alma–Den district. Cloncurry Railway Bridge submerged first time for many years.

Man drowned near Ingham district and another near Longreach.

30th, 31st March.—Local flooding several districts on coast south from Townsville. Some dislocation of traffic and damage to roads.

23rd to 27th May.—Widespread flooding in south-eastern divisions, especially in coastal areas south from Maryborough. Record inundations for time of year in Landsborough district. Extensive damage to roads and bridges; some bridges washed away. Serious dislocation of traffic. Much destruction of crops.

Kilcoy isolated for few days; low-lying parts of Southport and Brisbane submerged; on two occasions in latter district. Father and son drowned near Palmwoods.

Local flooding westwards to Roma and Goondiwindi districts when traffic dislocated by submerged rails and roads.

24th June.—Local flooding south-eastern corner. Low-lying parts Coolangatta submerged (1,010 points rain in 24 hours).

7th November.—Minor local flooding parts Central Highlands, Downs, and South Coast Divisions.

Flood Notes—*continued.*

1939.

26th to 29th January.—Some local flooding over sub-tropical zone, chiefly eastern parts. Stock lost and some townships isolated in Dawson Valley district. Roads damaged between Quilpie and Windorah.

February.—Isolated local flooding at beginning of month in south-eastern quarter. Railway submerged in Theodore and Thallon districts.

8th to 14th February—Flooding between Cooktown and Mackay, especially Cairns to Townsville. Several washaways and much dislocation of traffic. Cairns and Mossman isolated. Low-lying parts of Innisfail submerged. Man drowned at Cairns and another at South Johnstone.

17th February.—Minor local flooding in north-west and south-west. Flinders River over railway near Nonda.

20th February.—Heavy local flood Warra district.

20th to 23rd February,—Serious flooding in the north-west, especially in Cloncurry and Leichhardt Rivers. Extensive line washouts. Mount Isa isolated for several days. Considerable loss of stock. Highest flood on record at Devoncourt Station (Cloncurry district).

28th February.—Paroo and Bulloo Rivers in flood and local flooding between Longreach and Jundah.

11th to 17th March.—Much local flooding in the South Coast, Downs, and Maranoa Divisions and adjacent parts of Central and South-west Division. Floods more general and serious in coastal streams between Bundaberg and Coolangatta. Much damage to bridges, culverts, roads, &c., and many crops destroyed. Man drowned near Nerang. Extensive flooding of low-lying suburbs of Brisbane. Lower parts of Gympie and Maryborough submerged. Streets of Southport inundated (852 points rain in 24 hours). Widespread dislocation of traffic.

Districts most affected on Downs, &c., were Dalby, Tara, Chinchilla, Greenmount, Yandilla, Nobby, Millmerran, Goondiwindi, Thallon, Dirranbandi, Surat, Tambo, Blackall, and Beta-Jericho.

In same periods local flooding in Mackay district.

20th to 27th March.—Fairly general and heavy flooding in coastal area between Cooktown and Ingham and on Atherton Tableland. Mossman, Ingham, Innisfail, and few other townships isolated—Mossman for about a week. Endeavour and Annan Rivers (Cooktown district) highest for 50 years, and floods in Mulgrave Valley worst on record. Barron River in high flood. Man drowned at Innisfail. Complete dislocation of traffic between Ingham and Cooktown, and between Cairns and Herberton.

Some local flooding in north-west last few days, chiefly Cloncurry River district.

April.—Local flooding in Esk district and between Cairns and Cardwell about middle of month.

27th, 28th April.—Floods northern half Cape York Peninsula caused extensive damage. All mines at Batavia flooded.

5th July.—Some flooding in Stanley River and the adjacent reaches of the Brisbane River.

2nd, 3rd August.—Some local flooding in South Coast Division at beginning of month. Boat used in main street of Kingaroy.

November.—Temporary local flooding in several districts; railway washouts in parts of central-west, chiefly between Longreach and Winton.

December.—Isolated local floods, chiefly in Downs and Maranoa Divisions.

AN ANALYTICAL STUDY OF THE RELATION BETWEEN EXTENSIVE OR HEAVY RAINFALLS IN QUEENSLAND AND PRESSURE DISTRIBUTION OVER AUSTRALIA.

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The purpose of this study was to ascertain, if possible, whether any definite relation existed between the occurrence of rains of a widespread and beneficial character in Queensland and any particular types of pressure distribution as shown on daily isobaric charts.

The results to be expected could be of a general nature only. An exact relationship could not be expressed, for example, in the form of a correlation coefficient for reasons which involve mainly the difficulties in defining "widespread or beneficial rains" and in classifying types of pressure distribution.

The procedure adopted was to record in the first place the dates of occurrence of rain over considerable areas of three subdivisions of the State. The work has been spread over a number of years during which a systematic record has been made of the occurrence of widespread rainfall in certain regions or subdivisions of the State as described below.

The subdivisions (which are indexed on the basis of a wider study of isobaric types over the Commonwealth) comprise:—

(i) Tropical Coast divisions (Region *e*);

(ii) Sub-tropical divisions East of longitude 150° (Region *b*); and

(iii) All other areas of Queensland (Region *f*).

The days on which rain was recorded over considerable areas were ascertained in the first instance by inspection of the rainfall shading on daily isobaric charts, a period of 17 years being covered. The criterion of importance of the rainfall was "area covered" in the case of inland divisions and "amount of fall" in the case of coastal districts. The first estimates were checked subsequently by reference to bi-weekly telegraphic reports of mean district rainfall, which showed the mean amount recorded in each climatic district in the State. Light rainfalls or falls limited in area to small portions were not considered, but no definite limit of area was laid down. The importance of rain from the point of view of area was judged by inspection of the area of the State "shaded" on the daily weather charts. As a considerable proportion of the coastal rain falls in light to moderate amounts, the results which have been arrived at in this study may not be so significant for coastal districts, though they undoubtedly show the distribution of pressure most favorable for rain even in these districts.

In the next stage of the work isobaric charts of the dates about which rain fell were examined, and the positions of the main pressure systems affecting Queensland were noted according to a classification which follows. This classification was arrived at empirically as the work proceeded. Types of pressure distribution over limited areas were recorded, including short period changes from one type to another, and in this way an analysis of weather charts and isobaric types favorable for rain was greatly facilitated.

TYPES OF PRESSURE DISTRIBUTION.

1. "High" over Bight. Tropical depression over Queensland.

1A. "High" over Bight. Tropical depression over Queensland and trough over Eastern States.

1B. Intense "High" centred over Bight or South-eastern Australia covering almost the whole Commonwealth. Depression developing in Northern isobars.

2. "High" over Tasman Sea "Low" over Queensland.

2A. "High" over Tasman Sea and South-eastern Australia.

2B. "High" East or South-east of Queensland. "Low" over Central or North-western interior of continent.

3. "High" over Bight moving over South-eastern Australia to Tasman Sea; cutting off trough over Eastern States and leaving "Low" over Queensland.

3A. "High" over Bight extending Eastward and cutting off trough over Eastern States.

4. "High" moving over South-eastern Australia or Southern Ocean. "Low" over Queensland.

4A. "High" moving over South-eastern States from the Bight.

5. "High" over Bight displacing, but not cutting off, trough over Eastern States, and low pressure over Queensland.

5A. "High" advancing over Western Australia and Central Australia, displacing depression over Queensland or trough over Eastern States.

6. Depression developing about Gulf of Carpentaria or moving over Gulf of Carpentaria.

6A. Depression over or South of Gulf of Carpentaria extending or moving to North Coast of Queensland.

6B. South-easterly or Easterly isobars or indefinite tropical depression off North Queensland Coast.

7. Cyclone over North Coast of Queensland.

7A. "Closed" depression over Central or South Coast of Queensland.

7B. "Closed" depression over Gulf or Central Queensland moving to South Coast of Queensland and deepening.

8. "Closed" depression off New South Wales Coast.

8A. Tropical depression off North Coast of New South Wales or South Coast of Queensland.

9. "Closed" depression situated over Eastern States South of tropic.

9A. Tropical depression developing over the Eastern States South of tropic.

10. Depressions of a combined Tropical–Southern Ocean type over the Bight and Central Australia extending over Western Queensland.

10A. Depression similar to (10) over Western Bight and Western Interior of Continent.

11. Tropical depression over Central Australia and Western Queensland extending Southward to the Bight or Victoria.

12. Trough developing or deepening.

13. " Closed " depression over the Northern Territory or Central Australia.

14. Intense Southern Ocean depression with a trough over Eastern States.

14A. Intense Southern Ocean depression developing over or moving over the South-eastern States.

15. " Closed " depression forming over Bass Strait or Tasmania.

16. " High " over the Bight collapsing or moving over South-eastern States and weakening and low pressure (combined tropical and Southern) becoming general over Continent.

17. Low pressure over Queensland with flat gradients.

18. Extensive low pressure area (Tropical and Southern) with main fronts over Central Australia and the Bight covering the Eastern States and almost the whole of the Commonwealth.

18A. Deep " Southern Ocean " depression over the Bight and Central Australia, covering most of the Continent.

19. Cyclone over the North-west Coast of Western Australia.

20. Southern Ocean depression over the South-eastern Waters with trough extending North into Queensland and the Northern Territory.

21. " High " weakening and " low " pressure developing over Eastern Australia.

22. " Closed " depression over the Eastern Bight with a trough over Eastern Australia.

As an example of the procedure followed, we may take the distribution of pressure for 1st–3rd December, 1929. As 1st December was a Sunday, the systems were recorded from 30th November to 3rd December, and were described by the figures 2, 10–15–5 which indicate a " High " over the Tasman Sea and a " Low " over Queensland at first with a low pressure system coming on over the Bight and Central Australia. A closed curve depression formed over Bass Strait, but a " High " subsequently advanced over the Bight and displaced this and a trough over Eastern Australia.

The frequency of particular types of distribution of pressure over limited areas was finally analyzed by recording the occurrence of types without reference to their combinations or changes. These frequencies are set out in the tables which are appended.

Combinations of the types set out in this classification vary considerably and to attempt to record them would be a laborious task which would not be justified by results.

Several suggestive features are disclosed by the analysis. Before discussing these, it will be recalled that the occurrence of rain frequently requires the contiguity of air masses of differing temperature and humidity. A low pressure area over Queensland in summer is usually an area of high temperature, and the humidity in favorable circumstances may also be high. Anticyclones are usually masses of relatively cool air. The displacement of a low pressure area by an anticyclone or the contiguity of an anticyclone and a low pressure area provides conditions required for the uplifting of warm air by cold dense air masses. This may take place directly along the fronts as in the case of the under-running of a cold air stream or indirectly by an over-running of cold air at high levels in frontal zones and a gradual filtering down to ground levels, giving rise to local temperature contrasts and local storms.

Convectional rains are also common in masses of warm moist air in which there is a high lapse rate and little pressure gradient. These are often difficult to distinguish from rains which may be associated with poorly defined fronts. In the frontal zone of a depression, a cool air mass may act as a barrier to a warm moist air stream causing the latter to rise and deposit its moisture. In the same way, mountain barriers along a coast cause an uplift of moist air moving in from the ocean, and when the inflow and uplift is accelerated by a steep pressure gradient heavy rains result. The wettest regions of Australia are to be found where prevailing winds meet steep barriers across their path as on the North Coast of Queensland between Cairns and Cardwell.

This outline of well-known factors governing the production of rainfall viewed in relation to the tables which follow serves to throw considerable light on processes which influence rainfall in Queensland.

Major features of isobaric charts favorable for rain over inland areas of Queensland are seen to be :—

(1) An anticyclone over the Tasman Sea and low pressure over Queensland. The latter may be a well-defined depression or simply a gradient falling away to the west and north.

(2) An anticyclone passing over the South-eastern States and low pressure over Queensland.

(3) The displacement of a " trough " or low pressure system over Queensland by an anticyclone moving from the Bight (in summer) or across Central Australia (in winter).

For Coastal rains, an anticyclone over the Tasman Sea or South-eastern States and South-easterly isobars over the Coast, whether associated with a definite depression or not, is usually present when rain falls. Cyclones or definite depressions of lesser intensity, though important as rainfall agents, are of less frequent occurrence than the interaction of cool air of passing anticyclones and warm moist tropical maritime air. The relative importance of other types of pressure distribution is indicated in Table I.

It should be pointed out that this table indicates the types of pressure distribution most favorable for rain, but it does not follow that rain always falls with these types. A necessary condition for rain appears to be not only contiguity of warm and cold air, but a sufficient quantity of moisture in the warm air mass to condense and fall as rain when impacted by a cold air stream.

The persistence of anticyclones of at least moderate intensity over the Tasman Sea and relatively low pressure over Queensland is favorable for a continued inflow of moist air into the interior of Queensland as well as for orographical rains along the seaward slopes. It may take some time, however, for the moisture content of the atmosphere to build up sufficiently for widespread rains. The movement of an anticyclone across Southern Australia usually represents the inflow of a colder air mass with a front advancing into Queensland from the South-west or South. We should thus expect to find rain frequently associated with these types of pressure distribution though there may be many occasions when such will not be the case.

The continued advance of a cold front and the development of frontal storms usually depends on the maintenance of the intensity of anticyclones moving over Southern Australia. It is interesting to note that in the cases of dry weather periods in summer which have been examined it has been found that :—

(1) " Highs " over the Tasman Sea in a favorable position to maintain a flow of moist air into Queensland have been infrequent ; and

(2) " Highs " moving over the Bight and South-eastern Australia have frequently been weak or losing intensity. In such cases fronts tend to weaken or disappear in the interior of the Continent.

TABLE I. SHOWING NUMBER OF OCCURRENCES EACH MONTH OF WIDESPREAD OR HEAVY RAINS IN REGIONS *f*, *e*, and *b*, WITH VARIOUS TYPES OF PRESSURE DISTRIBUTION, 1 TO 22, PERIOD 1923-1939 INCLUSIVE. (SYMBOLS INDICATING REGIONS AND PRESSURE TYPES DEFINED ABOVE).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	f.	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*
1	11	..	4	7	..	..	12	..	3	1	1	3	4	..	2	2	..	3	..	..	..	..	..	..	7	..	3	4	3	3	5	..	3	4	..	..
1a	8	..	..	8	15	2	4	..	2	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	6	..	1	11	1	9
1b	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	8	2	6	3	1	4	3	1	1	2	..	..	..	..	..	..	..	..	..	..	..
2	25	14	..	27	1	4	15	17	4	11	4	9	13	..	4	11	1	1	8	..	5	9	..	6	13	..	5	20	3	3	23	5	6	25	12	13
2a	6	6	1	2	4	..	3	..	1	..	2	1	4	2	8	3	2	3	..	..	..	1	..	2	2	..	3	2	..	..	..	..	..	2	1	1
2b	1	..	..	6	2	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	3	..	..	..	..	..
3	11	2	1	10	11	2	7	..	1	2	..	1	1	..	..	1	..	..	..	..	..	..	..	1	..	..	..	2	..	1	3	..	2	6	..	3
3a	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	4	..	2	7	..	1	..	..	..
4	19	3	6	23	..	5	15	5	3	6	5	6	..	..	..	1	1	2	3	1	..	4	..	2	7	..	5	4	1	2	19	3	10	18	2	5
4a	..	..	..	..	..	..	..	..	..	..	..	..	2	..	4	3	..	1	2	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..
5	25	..	5	16	..	5	14	2	9	7	1	3	2	..	..	..	..	..	1	..	1	1	..	..	2	..	4	9	..	4	14	3	9	23	2	8
5a	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..	10	..	2	8	..	7	2	..	5	3	..	2	5	..	3	..	..	..	..	..	..
6	6	5	..	7	7	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	1	2	..
6a	6	5	1	1	4	..	1	3	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	3	..
6b	8	13	3	6	23	1	1	20	1	1	8	3	1	3	2	3	5	2	2	2	..	..	..	..	..	..	..	..	5	..	1	7	1	..	14	1
7	4	4	1	2	3	..	..	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7a	4	3	5	..	4	3	1	1	1	..	..	2	..	..	..	1	..	..	3	1	2	..	..	..	1	..	2	..	1	..	..	..	..	..	..	..
7b	..	..	..	2	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..
8	5	..	8	2	..	3	2	..	9	1	..	7	7	..	7	5	..	10	4	..	9	3	..	3	1	..	4	2	..	6	3	..	6	3	..	3
8a	..	..	2	4	..	2	..	1	2	..	..	5	1	..	5	5	..	6	1	..	3	5	1	5	2	..	2	1	..	2	..	1	2	1	..	5
9	6	..	..	5	..	1	..	..	..	2	..	..	..	..	..	5	..	2	2	..	3	3	..	4	6	..	4	3	1	4	3	..	3	3	..	3
9a	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	1	..	1	2	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10	16	..	..	15	..	1	7	..	..	2	..	..	7	..	..	5	..	1	1	..	2	2	..	2	2	..	3	9	..	1	8	..	1	16	..	3
10a	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	4	..	..	1	..	..
11	6	..	..	5	..	..	..	..	..	1	..	..	..	..	..	2	..	1	..	..	..	..	..	..	1	..	..	..	..	..	6	..	3	7	..	2
12	1	..	3	6	2	1	2	..	1	..	..	..	..	..	..	..	..	..	2	..	3	1	..	..	1	..	..	..	..	1	1	..	..	5	..	4
13	3	..	..	6	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	3	..	..
14	6	..	..	4	..	1	1	..	..	1	..	..	4	..	..	3	..	..	..	..	1	..	..	..	3	..	..	5	..	3	7	..	1	3	..	..
14a	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	2	1	..	2	1	..	1	..	..	1	1	..	..	..	..	..	..	..	..
15	2	..	..	1	..	2	..	..	..	..	..	..	..	..	..	1	..	..	2	..	2	..	..	2	1	..	2	5	..	3	5	..	..	4	..	1
16	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	1	..
17	1	..	..	5	1	..	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..
18	1	..	..	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	5	..	2	2	..	..	1	..	..
18a	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	..	..	..	..
19	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	6	..	3	3	..	5	2	..	5	8	..	4	15	..	3	1	..	1
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	3	..	1	1	..	2	4	..	2	..	..	..	1	..	1	..	..	..

TABLE II. SHOWING TOTAL NUMBER OF OCCURRENCES OF WIDESPREAD OR HEAVY RAINS EACH MONTH UNDER GROUPS OF SIMILAR PRESSURE DISTRIBUTION.

January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
f.	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*	*f.*	*e.*	*b.*
Totals of 1, 1a, 1b, 3, 3a, 4a, 5, 16. (High over Bight.)																																			
55	2	10	42	26	9	37	2	15	12	2	9	11	1	8	14	2	10	6	1	7	5	1	5	12	..	8	20	3	10	36	3	16	47	4	20
Totals of 2, 2a, 2b. (High over Tasman Sea.)																																			
32	20	1	35	7	5	21	17	5	11	6	10	17	2	12	14	3	4	8	..	5	10	..	8	15	..	8	24	3	3	26	5	6	27	13	14
Totals of 4, 4a, 16. (High moving over South-Eastern Australia.)																																			
19	3	6	23	..	5	15	5	3	6	5	6	2	..	4	4	1	3	5	1	2	4	..	4	7	..	5	4	1	2	20	3	10	21	3	5

DISCUSSION OF RAINFALL.

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Foreword.

Hitherto, the rainfall at a place has been generally indicated by a figure called the "average" rainfall, which in most cases represented the arithmetic mean of all available rainfall registrations at that place. While such an average is often very useful for purposes of comparison, it is common knowledge that in any particular year the actual rainfall may be very far removed from this "average" value. In addition, two places may have identical averages but quite dissimilar rainfalls. For instance, suppose two stations each have an average rainfall of 20 inches. One of these may never receive more than 30 inches or less than 8 inches; whereas the other may occasionally receive more than 40 inches, these excessive totals being balanced by periods of very dry weather. In the discussions of District Rainfalls which follow in this volume, an attempt is made to analyse the nature of the rainfall for various areas of the respective districts, as disclosed by a study of the rainfall experience of those areas during the years of record. Having in view the seasonal character of this rainfall over vast areas of Queensland, and the importance of summer and winter rains to many local industries, the year for purposes of analysis has been divided into two periods, October to March inclusive, and April to September inclusive, for brevity designated "Summer" and "Winter" respectively.

In Tables 2(*a*) and (*b*) will be seen a fraction entered in the appropriate column for each station. This represents the number of times in a given number of seasons that one could on past experience expect to receive rainfall below the particular amount stated. For example, 1/4 entered in the column headed "less than 30 inches" means that on the average that particular station would receive less than 30 inches one season in every four. Obviously also, it would receive more than 30 inches three seasons out of four. Similarly, 3/5 means three seasons in every five and so on. The chances of getting a rainfall between any two limits may also be easily obtained from Table 2. For instance, if a place receives less than 20 inches once in five seasons (i.e., twice in ten) and less than 40 inches once in every two seasons (i.e., five seasons in ten), then it will receive between 20 and 40 inches three seasons in every ten, or roughly one in three.

An explanation is perhaps needed for the use of the word "All" in Tables 2 (*a*) and (*b*).

"All" in a column signifies that the station in question has every chance of receiving less than the amount at the head of the column, i.e., has no chance of receiving more than this amount. Strictly speaking, one should say a very small chance, as occasionally abnormal totals occur but these are rare and of little significance.

In discussing the geographical distribution of the rainfall for the district, for purposes of comparison and to avoid an unwieldy repetition of the information in the remainder of the discussion, use is made of a "normal" rainfall for each station. As in the case of "average" rainfall, this figure by itself has not much significance, but must be used in conjunction with the other information as described in the preceding remarks. The value of the "normal" is decided in the following way. If one determines the probability of receiving various rainfall totals (or more correctly totals within a small range) it is found on progressing from low to high rainfall amounts that the probability is at first low, but increases more or less rapidly to a maximum value, whence it remains reasonably constant over quite a large range and then falls off again. That is to say, the majority of rainfall totals fall within a certain, well-defined range with equal frequency, whilst totals above or below this range are registered occasionally, becoming less frequent as one moves away from it. The "normal" used in this discussion, then, is taken as the central value (approximately) of this range of most frequently obtained rainfalls. This value is generally different from the "average" since it is unaffected by abnormally high or low rainfalls which are so rare as to be of little consequence.

In statistical language, the above remarks mean that there is in general no well-defined modal value for the rainfall distribution but a fairly broad modal group, the centre of which is chosen as the "normal." Actually, the inability to obtain the true mode probably arises from the paucity of data, since a definite mode does tend to show out in the case of stations with long periods of record.

It will be realized that it is difficult to form an accurate estimate of the variability of the rainfall at a station where only a short period of record is available, and that, in general, the reliability of the figures given increases with the number of years of record. Many instances will be noticed where a station with a short period of record is included in the discussion and in Table 1, but is omitted from the remainder of the Tables. The reason for this is that, whereas a reasonably accurate estimate of the normal may be made, the number of years of record is insufficient to obtain reliable figures for Tables 2 and 3. To enable judgment to be made of the weight which may be assigned to the figures for any particular station, a column is inserted in the Tables setting out the number of years of rainfall record available for each station.

For reference Table 1 presents the "normals" for each station in tabular form. In Table 3 will be found a statement of the approximate limits of the above range, together with a percentage of the total number of rainfall registrations, taken over a long period, expected to fall within this range.

DISTRICT 40—MORETON (SOUTH COAST).

NOTE.—*In this discussion, where a statement is made to the effect that a particular station "receives" a certain rainfall, it is always to be understood that the figure given refers to the "normal" rainfall as defined in the foreword. It is again pointed out that in any particular season the actual rainfall received may differ considerably from this value.*

DISCUSSION.

A study of the rainfall for the stations in this district reveals that, in general, a gradual decrease takes place from east to west, but along the coast many irregularities are apparent. The central part of the coastal areas from Cooran to Crohamhurst receives the highest rainfall in the district, and the extreme southern part of the coast also shows an increase over that immediately to the north. District 40 lies almost entirely to the east of the Divide, although projections of high ground are noticed in the south and north-west extending almost to the coast, together with some isolated mountains north-west of Brisbane. This high ground near the coast is responsible for the high rainfalls already mentioned along the central and southern parts of the coast. A notable feature is that on exposed parts of the coast and on the islands near the coast the winter rainfall approaches that received in summer; and at Cape Moreton the normals are actually the same for the two seasons, although abnormally high falls are more probable in summer. On moving away from the coast, however, this similarity vanishes, and over the whole remainder of the district the rainfall in winter is approximately one-half of that in summer. A more detailed description of the incidence of the rainfall follows, commencing with the summer.

Summer Rainfall.—In the north, local variations are observed along the coast, presumably on account of the sheltering effect of Fraser Island. The only rainfall station on the island, Sandy Cape, which is in District 39, has a summer normal of 26 inches. A slight increase on moving away from the mainland coast occurs here, as shown by the normals of 25 inches and 27 inches at Pialba and Howard respectively and those of 29 inches and 30 inches at Maryborough and Mungar. Inskip Point and Double Island Point receive 35 inches and 29 inches respectively, but these are exposed stations and cannot be taken as indicative of the country just inland from them. It is probable, however, that this country would receive 29 to 30 inches, whilst Tiaro, Gundiah and Theebine all have normals of about 28 inches. Further west, stations are rare, but an idea of the shading-off in the rainfall may be gained from the normals of 24 inches at Biggenden, 20 inches at Gayndah (District 39) and 19 inches at Hawkwood, also in District 39.

The wettest part of the district in summer is the Cooran–Crohamhurst area situated to the southward near the coast. All the stations here for which records are available are some miles from the coast and close to the high ground which projects out from the main range in the north-west, so that it is probable that the actual coastal regions receive somewhat less than these stations. A steady increase is noted from north to south in this area, as shown by the normals of 35 inches at Cooran, 37 inches at Cooroy, 42 inches at Palmwoods and 44 inches at Crohamhurst. Abnormal falls have been registered frequently in this area, Crohamhurst having once received 35.71 inches in 24 hours, a record for any part of Australia. The variable nature of the topography to the west of these stations will doubtless produce many variations, and since few rainfall stations are available one can do no more than state the normals at the various places. Gympie to the north-west of Cooran shows a decrease to 28 inches and Kilkivan and Goomeri both receive about 22 inches. To the south, Kilcoy has a normal of 24 inches and Nanango one of 18 inches, whilst across the ranges Chinchilla (District 41) receives about 16 inches.

The island stations, Cape Moreton and Dunwich, have normals of 30 inches and 34 inches respectively, but it is probable that the coastal areas west of these stations receive between 25 and 30 inches in summer. However, the normal has a value of 24 inches at Esk, but drops to 18 inches at Murphy's Creek; whilst Dalby, over the divide in District 41, shows a further decrease to 16 inches, although it is difficult to state what would be the rainfall in the region between these two latter stations. Around Brisbane small variations are apparent, Bald Hills and Nundah receiving 25 inches and Manly and Oxley about 23 inches. Ipswich and Laidley have the same normal, namely, 20 inches, but their rainfalls are rather different in that Laidley is the more likely to receive unusually high or low totals. Toowoomba is situated on the mountains on the edge of a saddle, and the normal here shows an increase to 22 inches but drops again after crossing to the Darling Downs.

As previously stated, the extreme south coast receives more rain than the area immediately to the north of it, due to the proximity of the mountains to the coast. Thus Southport receives 30 inches and Tallebudgera 34 inches, against 22 inches at Mundoolun. Beaudesert, situated on the high ground, shows an increase to 24 inches, but at Kalbar the normal drops again to 20 inches. It is probable that the rainfall increases between Kalbar and the mountains, but no records are available for this area. Over the ranges the summer rainfall drops again, as shown by the normals of 17 inches at Allora and 18 inches at Killarney.

Winter Rainfall.—In winter much the same type and distribution is apparent, except along exposed parts of the coast, where the winter rainfall is much greater than that inland. Thus Sandy Cape (District 39) has a winter normal of 23 inches against 13 inches at Pialba and Howard and 14 inches at Maryborough and Mungar; whilst Inskip Point and Double Island Point receive 24 inches and 22 inches respectively against 13 inches at Tiaro and Gundiah and 12 inches at Theebine. Further west the rainfall shades off more gradually, as shown by the normals of 9½ inches at Biggenden and 8 inches at Gayndah and Hawkwood of District 39.

The area from Cooran to Crohamhurst again receives more rain in winter than any other station away from the coast, the normal having the value of 18 inches at Cooran, 21 inches at Cooroy and Palmwoods and 22 inches at Crohamhurst. As stated in the discussion of the distribution of the summer rainfall, the topography and the scarcity of rainfall stations west of this area render any discussion of the shading-away of the rainfall impossible; but some idea may be gained from the normals at the stations available, namely, 14 inches at Gympie, 10 inches at Kilkivan and Goomeri, and, in the south, 12 inches at Kilcoy, 9 inches at Nanango, and 8½ inches at Chinchilla in District 41.

Cape Moreton and Dunwich have the abnormally high winter rainfalls characteristic of the islands and exposed

coastal areas in this district, with normals of 30 inches and 25 inches respectively, whereas the mainland west of these stations, if Brisbane may be taken as typical, shows a reduction to 12-15 inches along the coast. Around Brisbane, Bald Hills and Nundah receive about 13 inches in winter, Manly 15, and Oxley 12. Of the stations along the coastal plain, Esk has a normal of 12 inches, whilst in the south Ipswich and Laidley receive 9 inches and 8½ inches respectively. The mountains will doubtless again provide many irregularities, so that it is impossible to state what will be the rainfall immediately west of Esk and Laidley, but Dalby in District 41 has a normal of 8 inches. One such irregularity is shown by the normals of 8 inches at Murphy's Creek and 12 inches at Toowoomba, recalling the summer distribution, in which Toowoomba received a higher total than surrounding stations.

In the southern parts of the district, Southport and Tallebudgera receive considerable winter rainfalls, namely, 20 inches and 24 inches respectively, the normal decreasing to 11 inches at Mundoolun, 10 inches at Beaudesert, and 9 inches at Kalbar. No rainfall stations are available for the country west of Tallebudgera, but it is probable that the rainfall will increase considerably towards the mountains, whence the distribution will be irregular. Over the ranges, the decrease in rainfall is indicated by the normals of 9 inches at Allora and 10 inches at Kalbar.

TABLE 1.

Summer and Winter Rainfall Normals (as Defined) for Each Station.

These figures are to be used in conjunction with Tables 2 and 3.

Figures in brackets are estimated.

Name of Station.	No. of Years of record.	Summer Normal.	Winter Normal.
		Inches.	Inches.
Sandy Cape (District 39) ..	61	26	23
Pialba	38	25	13
Howard	39	27	13
Maryborough	67	29	14
Mungar Junction	44	30	14
Inskip Point	52	35	24
Double Island Point ..	46	29	22
Tiaro	44	28	13
Gundiah	38	28	13
Theebine	44	28	12
Biggenden	39	24	9½
Gayndah (District 39) ..	67	20	8
Hawkwood (District 39) ..	53	19	8
Cooran	45	35	18
Cooroy	45	37	21
Palmwoods	43	42	21
Crohamhurst	45	44	22
Gympie	68	28	14
Kilkivan	58	22	10
Goomeri	25	(22)	(9½)
Kilcoy	47	24	12
Nanango	56	18	9
Chinchilla (District 41) ..	48	16	8½
Cape Moreton	68	30	30
Dunwich	45	34	25
Esk	51	24	12
Murphy's Creek	42	18	8
Dalby (District 41)	68	16	8
Bald Hills (Brisbane) ..	42	25	13
Nundah (Brisbane)	43	25	13
Manly (Brisbane)	39	23	15
Oxley (Brisbane)	39	23	12
Ipswich	68	20	9
Laidley	48	20	8½
Toowoomba (District 41) ..	66	22	12
Southport	57	30	20
Tallebudgera	38	34	24
Mundoolun	57	22	11
Beaudesert	45	24	10
Kalbar	41	20	9½
Allora (District 41)	55	17	9
Killarney (District 41) ..	48	18	10

TABLE 2.

EXPRESSING HOW OFTEN EACH STATION COULD EXPECT TO RECEIVE RAINFALL BELOW A CERTAIN AMOUNT FOR EACH SEASON.

As illustrated in the foreword, other information can be deduced from these figures, including an estimate of the reliability of the rainfall.

(*a*) *Summer*

Name of Station.	Number of Years of Record.	Chances of receiving rainfall less than—									
		10″.	15″.	20″.	25″.	30″.	35″.	40″.	50″.	60″.	80″.
Sandy Cape	61	..	1/12	1/4	1/2	5/8	3/4	6/7	14/15	29/30	all
Pialba	38	1/20	1/7	3/10	1/2	2/3	4/5	9/10	29/30	all	,,
Howard	39	1/20	1/7	1/4	3/7	5/8	4/5	6/7	19/20	,,	,,
Maryborough ..	67	..	1/10	1/4	3/8	1/2	2/3	3/4	9/10	29/30	,,
Mungar Junction ..	44	1/30	1/10	1/5	1/3	1/2	2/3	4/5	19/20	all	,,
Inskip Point	52	..	..	1/10	1/4	3/8	1/2	3/5	6/7	19/20	,,
Double Island Point ..	46	..	1/20	1/7	3/8	1/2	2/3	4/5	14/15	29/30	,,
Tiaro	44	..	1/12	1/4	1/2	2/3	4/5	9/10	29/30	all	,,
Gundiah	38	1/20	1/8	1/4	3/7	3/5	4/5	11/12	all	,,	,,
Theebine	44	..	1/10	1/4	2/5	3/5	3/4	7/8	19/20	,,	,,
Biggenden	39	1/20	1/6	3/8	4/7	4/5	14/15	all	all	,,	,,
Gayndah	67	1/20	1/5	3/7	7/10	9/10	19/20	,,	,,	,,	,,
Hawkwood	53	1/12	1/4	3/5	5/6	11/12	29/30	,,	,,	,,	,,
Cooran	45	..	1/20	1/8	1/4	3/8	1/2	5/8	6/7	19/20	,,
Cooroy	45	..	..	1/20	1/7	1/4	2/5	1/2	3/4	9/10	,,
Palmwoods	43	..	..	1/15	1/8	1/4	3/8	1/2	2/3	9/10	,,
Crohamhurst	45	..	..	1/15	1/8	1/5	1/3	2/5	5/8	4/5	19/20
Gympie	68	..	1/20	1/6	1/3	4/7	7/10	5/6	9/10	29/30	all
Kilkivan	58	1/30	1/6	1/3	2/3	5/6	9/10	19/20	all	all	,
Kilcoy	47	..	1/7	1/3	4/7	3/4	6/7	11/12	29/30	,,	,,
Nanango	56	..	1/4	4/7	3/4	7/8	14/15	29/30	all	,,	,,
Chinchilla	48	1/10	2/5	3/4	9/10	all	all	all	,,	,,	,,
Cape Moreton ..	68	..	..	1/10	3/10	1/2	2/3	4/5	9/10	29/30	,,
Dunwich	45	..	1/20	1/7	1/4	2/5	1/2	2/3	6/7	19/20	,,
Esk	51	..	1/15	3/10	4/7	3/4	5/6	9/10	all	all	,,
Murphy's Creek ..	42	1/30	3/10	3/5	4/5	19/20	all	all	,,	,,	,,
Dalby	68	1/15	2/5	3/4	14/15	all	,,	,,	,,	,,	,,
Bald Hills (Brisbane) ..	42	..	1/10	3/10	1/2	2/3	4/5	6/7	19/20	,,	,,
Nundah (Brisbane) ..	43	..	1/15	1/4	1/2	2/3	4/5	6/7	29/30	all	,,
Manly (Brisbane) ..	39	..	1/10	3/10	4/7	2/3	4/5	7/8	all	,,	,,
Oxley (Brisbane) ..	39	..	1/7	1/3	4/7	4/5	9/10	19/20	,,	,,	,,
Ipswich	68	..	1/5	1/2	3/4	7/8	11/12	19/20	,,	,,	,,
Laidley	48	1/30	1/6	1/2	4/5	9/10	19/20	all	,,	,,	,,
Toowoomba	66	..	1/8	3/8	5/8	5/6	11/12	19/20	,,	,,	,,
Southport	57	..	1/20	1/6	1/3	1/2	5/8	3/4	9/10	19/20	,,
Tallebudgera	38	..	..	1/12	1/5	2/5	4/7	7/10	5/6	11/12	,,
Mundoolun	57	1/20	1/8	3/8	5/8	4/5	9/10	14/15	29/30	all	,,
Beaudesert	45	1/20	1/7	3/8	3/5	5/6	19/20	all	all	,,	,,
Kalbar	41	..	1/6	1/2	3/4	9/10	19/20	,,	,,	,,	,,
Allora	55	1/30	1/3	3/4	14/15	all	all	,,	,,	,,	,,
Killarney	48	1/20	1/3	2/3	9/10	29/30	,,	,,	,,	,,	,,

TABLE 2—*continued.*

(b) Winter.

Name of Station.	Number of Years of Record.	Chances of receiving rainfall less than—										
		4″.	6″.	8″.	10″.	12″.	15″.	20″.	25″.	30″.	40″.	50″.
Sandy Cape	61	..	..	..	..	1/15	1/7	2/5	2/3	5/6	all	all
Pialba	38	..	..	1/15	1/7	1/3	3/5	5/6	19/20	all	„	„
Howard	30	..	1/12	1/6	1/4	2/5	2/3	14/15	all	„	„	„
Maryborough	67	..	1/30	1/10	1/5	1/3	1/2	4/5	19/20	„	„	„
Mungar Junction	44	..	1/20	1/8	1/4	2/5	3/5	6/7	all	„	„	„
Inskip Point	52	..	..	..	..	1/30	1/12	3/10	1/2	3/4	19/20	„
Double Island Point	46	..	..	..	..	1/20	1/8	1/3	3/5	4/5	19/20	„
Tiaro	44	1/30	1/10	1/6	1/3	1/2	2/3	11/12	all	all	all	„
Gundiah	38	..	1/12	1/6	1/3	1/2	2/3	7/8	„	„	„	„
Theebine	44	1/20	1/8	1/5	1/3	1/2	3/4	9/10	„	„	„	„
Biggenden	39	1/30	1/7	1/3	4/7	7/10	7/8	all	„	„	„	„
Gayndah	67	1/12	1/4	1/2	2/3	4/5	9/10	„	„	„	„	„
Hawkwood	53	1/12	1/4	1/2	5/8	4/5	9/10	„	„	„	„	„
Cooran	45	..	1/30	1/12	1/8	1/5	1/3	2/3	6/7	14/15	„	„
Cooroy	45	..	1/30	1/15	1/10	1/7	1/4	1/2	2/3	9/10	„	„
Palmwoods	43	..	1/30	1/15	1/10	1/7	1/4	1/2	7/10	6/7	„	„
Crohamhurst	45	..	..	1/30	1/15	1/12	1/7	2/5	2/3	4/5	9/10	„
Gympie	68	..	1/15	1/7	1/4	2/5	4/7	4/5	14/15	29/30	9/10	„
Kilkivan	58	1/20	1/7	3/10	1/2	2/3	6/7	19/20	all	all	9/10	„
Kilcoy	47	1/30	1/8	1/4	2/5	1/2	2/3	7/8	19/20	„	9/10	„
Nanango	56	1/20	1/5	2/5	4/7	7/10	6/7	19/20	19/20	„	9/10	„
Chinchilla	48	1/10	1/4	1/2	2/3	5/6	19/20	all	19/20	„	9/10	„
Cape Moreton	68	..	..	..	..	1/30	1/15	1/7	1/3	1/2	5/6	29/30
Dunwich	45	..	..	..	..	1/30	1/15	1/4	1/2	2/3	9/10	all
Esk	51	1/30	1/10	1/5	1/3	1/2	2/3	9/10	all	all	all	„
Murphy's Creek	42	1/12	1/4	1/2	2/3	5/6	14/15	all	„	„	„	„
Dalby	68	1/12	1/4	3/7	5/8	5/6	11/12	29/30	„	„	„	„
Bald Hills (Brisbane)	42	..	1/15	1/6	1/3	3/7	5/8	5/6	14/15	„	„	„
Nundah (Brisbane)	43	1/30	1/10	1/6	1/3	1/2	2/3	6/7	29/30	„	„	„
Manly (Brisbane)	39	..	1/20	1/8	1/5	1/3	1/2	3/4	11/12	„	„	„
Oxley (Brisbane)	39	1/20	1/10	1/5	1/3	1/2	4/5	14/15	all	„	„	„
Ipswich	68	1/12	1/6	1/3	1/2	5/8	4/5	11/12	„	„	„	„
Laidley	48	1/12	1/4	2/5	3/5	3/4	7/8	29/30	„	„	„	„
Toowoomba	66	..	1/12	1/5	1/3	1/2	2/3	9/10	29/30	„	„	„
Southport	57	..	..	1/30	1/10	1/7	1/4	1/2	2/3	4/5	29/30	„
Tallebudgera	38	..	..	..	1/20	1/10	1/6	1/3	1/2	7/10	11/12	„
Mundoolun	57	1/30	1/10	1/5	2/5	4/7	7/10	9/10	29/30	all	all	„
Beaudesert	45	..	1/8	3/10	1/2	5/8	4/5	14/15	29/30	„	„	„
Kalbar	41	1/15	1/6	1/3	3/5	4/5	11/12	all	all	„	„	„
Allora	55	1/30	1/7	1/3	4/7	3/4	6/7	19/20	„	„	„	„
Killarney	48	..	1/15	1/4	1/2	3/4	11/12	29/30	„	„	„	„

TABLE 3.

COLUMN I. expresses the limits of the range of rainfall wherein most of the seasonal totals occur.
COLUMN II. gives the percentage of the total number of registrations falling within this range.

Name of Station.	Number of Years of Record.	Summer.		Winter.	
		Column I.	Column II.	Column I.	Column II.
		Inches.	Per Cent.	Inches.	Per Cent.
Sandy Cape	61	14 to 40	80	15 to 32	75
Pialba	38	16 „ 34	63	10 „ 18	60
Howard	39	15 „ 35	67	8 „ 18	70
Maryborough	67	18 „ 40	60	8 „ 18	63
Mungar Junction	44	20 „ 40	58	8 „ 20	75
Inskip Point	52	20 „ 50	75	16 „ 35	75
Double Island Point	46	20 „ 40	63	16 „ 30	63
Tiaro	44	18 „ 38	67	8 „ 18	67
Gundiah	38	16 „ 40	77	8 „ 18	65
Theebine	44	18 „ 38	65	8 „ 18	65
Biggenden	39	15 „ 35	77	5 „ 15	75
Gayndah	67	12 „ 28	75	4 „ 12	70
Hawkwood	53	12 „ 25	72	4 „ 12	67
Cooran	45	20 „ 50	73	12 „ 24	63
Cooroy	45	20 „ 55	78	14 „ 30	70
Palmwoods	43	25 „ 60	75	14 „ 30	65
Crohamhurst	45	25 „ 65	73	15 „ 30	65
Gympie	68	18 „ 40	72	8 „ 20	65
Kilkivan	58	16 „ 28	58	6 „ 15	70
Kilcoy	47	14 „ 34	73	6 „ 18	70
Nanango	56	12 „ 24	67	5 „ 14	70
Chinchilla	48	10 „ 22	73	4 „ 13	80
Cape Moreton	68	20 „ 40	67	20 „ 40	67
Dunwich	45	18 „ 50	77	16 „ 32	65
Esk	51	16 „ 32	67	8 „ 17	63
Murphy's Creek	42	12 „ 24	65	4 „ 12	75
Dalby	68	10 „ 22	78	4 „ 12	75
Bald Hills (Brisbane)	42	16 „ 34	62	7 „ 18	67
Nundah (Brisbane)	43	18 „ 34	62	7 „ 18	67
Manly (Brisbane)	39	16 „ 32	60	8 „ 22	72
Oxley (Brisbane)	39	16 „ 30	64	7 „ 15	65
Ipswich	68	14 „ 26	67	5 „ 14	63
Laidley	48	16 „ 24	55	4 „ 14	72
Toowoomba	66	14 „ 30	73	6 „ 18	75
Southport	57	20 „ 40	60	10 „ 30	72
Tallebudgera	38	24 „ 44	60	10 „ 35	78
Mundoolun	57	16 „ 28	60	5 „ 17	75
Beaudesert	45	16 „ 32	73	5 „ 14	70
Kalbar	41	14 „ 26	70	5 „ 14	80
Allora	55	12 „ 24	81	5 „ 13	73
Killarney	48	12 „ 24	76	6 „ 14	82

PRINCIPAL INDUSTRIES.

This discussion has been made possible through the co-operation of Officers of the Queensland Department of Agriculture and Stock, stationed within the district, and the Postmasters at various centres. The assistance of all these Officers is greatly appreciated and free use has been made of the matter contained in their reports. The following Officers of the Department of Agriculture and Stock have furnished information for their particular areas:—

The Director of Sugar Experiment Stations, Brisbane.
The Instructors in Agriculture at Kingaroy and Gympie,
The Inspector, Diseases in Plants Acts, Nambour,
The Inspectors of Dairies at Beaudesert, Caboolture, Southport, and Crow's Nest,
The District Inspector of Stock at Kingaroy,
The Inspectors of Stock and Dairies at Proston, Boondooma, and Laidley,
The Agents, Banana Industry Protection Act, at Yandina, Beenleigh, Gympie, Dayboro, and Woodford.

Authorative information from other local sources has been supplied by the Postmasters at Maryborough, Gympie, Palmwoods, Kilcoy, Ipswich, and Southport.

DAIRYING.

The most general and most important industry in this district is dairying, with which is generally associated the raising of pigs. Considerable variations in rainfall occur over the district, resulting in a variety of conditions such as stock density and types of natural vegetation. Hence to a material extent methods have been adapted to the rainfall characteristics of various sections of the district. Reports from all parts agree that the most critical period for this industry, is September and October. Insufficient rainfall during this period can cause considerable hardship to the industry irrespective of falls experienced during the remainder of the year. Actually, a shortage of rain at almost any period will cause a decline in production, since regular falls are required for continuity of growth of grass and green feed, but Spring is the season when lack of rain appears to have its maximum effect. This is probably due in part to the fact that sub-normal conditions may result in the failure of Summer crops, which are of vital import to dairy herds' Summer production. In addition, an early commencement of the Spring rains will give a timely start to new growths of grass, and allow of early planting of fodder crops. Otherwise a setback may be caused, the effects of which would be felt for many months. In general, therefore, a rainfall well distributed throughout the year is required for this industry, with falls aggregating two-thirds to three-quarters of the annual total occurring during Spring and Summer, and with intervals of not more than four weeks of dry weather. The Autumn and Winter rainfall should also be well distributed, but in most areas six to eight weeks without rain during these months has no appreciable effect upon production. A considerable decline in butter production would, however, occur as the result of one month of dry weather during the Spring or Summer, and in most cases a shortening of the lactation period of the cows would also be noticed. Again, heavy falls after March will not compensate for insufficient Summer rain, as by this time the lactation period of most dairy cows is already well advanced, and a decline in production is inevitable.

The practice of fodder conservation, which is carried out in most parts of the Moreton district, allows of considerable modification of the above limitations, and longer dry periods can be withstood without hardship. Naturally, the effect of any period of adverse conditions will depend also upon the temperatures, &c., experienced and upon the condition of the herd and the pastures prior to the commencement of this period. Other local factors, such as the location and the nature of the soil must also be taken into consideration. A factor, however, which is frequently overlooked, and which perhaps plays the most important part in the success or failure of this industry next to the rainfall itself, is that of farm management. Conservation and judicious use of fodder, correct stocking of the land, and the provision of adequate watering facilities are only a few of the factors over which man has some if not full control, and which in certain years may mean the difference between good or reasonable returns and complete failure.

The reports received from many areas contain suggestions for the rainfall distribution most likely to bring success to the industry in those particular areas. Some of these are reproduced hereunder, but in cases where a total only is given, it is to be understood that the rainfall must be distributed according to the general considerations outlined above.

Around Maryborough, it appears that an annual rainfall of 40 to 45 inches will bring most success to the dairying industry, although it is probable that little effect would be noticed with a well-distributed total of 35 inches for the year. With rainfalls below this amount, however, production would suffer to a degree dependent upon the actual amount received and the manner of its distribution. A complete failure is rather improbable in this region, as most farmers either conserve fodder or are able to purchase it in dry times, but monetary returns would probably be most unsatisfactory with an annual rainfall below about 25 inches. The reports for dairying in the Gympie area differ somewhat, but this can probably be accounted for by the fact that rapid variations in the normal rainfall occur in this area (cf. rainfalls at Gympie and Cooran) resulting in a variety of methods and requirements. However, for most parts, a rainfall totalling between 45 and 70 inches well distributed throughout the year should ensure an excellent season, although some returns should be obtained with totals of as low as 30 inches, particularly if the shortage occurred mainly during the Winter months. Pastures in this area are mostly supplemented by green feed crops, which are of great assistance during dry periods.

Dairying is carried on generally throughout the area from Cooroy to Palmwoods, but is subordinate in most parts to fruit growing. This is a region of high normal rainfall, and it is generally agreed that sufficient rain is practically always assured to meet requirements of a well-managed farm. It is reported from Yandina, however, that little fodder conservation is practised in that area, and that the grasses on most of the scrub farms have been cropped over long periods (up to 25 years) with little or no effort at soil improvement. Thus, the ability to withstand unfavorable conditions has been reduced to such a degree that even a short period of dry weather in Summer will cause a serious fodder shortage. Actually, fodder conservation in this area is only practicable on the river flats, but on the poorer soils where most farms are situated, green fodder could be grown. It has been estimated that about 65 inches would be necessary for complete success in these areas, although results should be fair with a well-distributed rainfall of about 50 inches for the year. A total below this figure, however, would have to be particularly well distributed for returns to be satisfactory.

Farther inland, rather less rain appears to be necessary. Reports from Kingaroy, Boondooma, and Proston state that conditions of dairy farming vary widely in that area, giving rise to a wide range of rainfall limits. Thus, the industry is carried on in both grouped and isolated areas, sometimes in conjunction with grazing and/or farming, and the class of country utilized varies from rich agricultural to third-rate grazing land. The rainfall requirements will naturally be rather varied, but most dairying enterprises should show good returns with regular falls averaging at least 3 inches

per month from October to April inclusive, and about 2 inches per month during the remaining five months, provided the land is not overstocked. More than this amount would be in all cases desirable, and in some cases essential for maximum production. The rainfall received here in any year is, however, more frequently below that given than above it, but fair results should still be obtained with rainfalls down to 25 inches in most areas, and perhaps to 20 inches around Boondooma. As usual, dry conditions in Summer cause great concern to the industry, but it is stated that an absence of Winter rain here is not of vital importance if good Summer rains have been experienced, making fodder conservation possible.

The country between the Blackall Range and Brisbane also shows a fairly wide range of requirements, due partly to the variations in rainfall and partly to the differences in the types of land in this area. Two main types of country may be distinguished:—scrub lands, such as at Bellthorpe and Mount Mee, and the low-lying country as around Caboolture, Dayboro, and along the Stanley River. Dairying enterprises in the scrub lands require an annual total of 70 inches to ensure a completely successful season, but the more low-lying country has a tendency to become waterlogged with this amount, and a more satisfactory rainfall for such parts is 50 to 60 inches. In fact, little effect would be noticed if the annual rainfall here amounted to only 45 inches, provided the bulk of it fell at regular intervals during Spring and Summer. Unfavorable distributions are responsible for more failures than deficient totals, and some results should still be obtained with about 35 inches in the scrub country or about 25 or 30 inches in the lower areas, provided most of the shortage occurred in Winter.

In general, somewhat lesser amounts than those given above would be sufficient for the more inland areas, such as around Kilcoy. Rainfall suggested for this area is 35 to 40 inches as the optimum, preferably with about 18 inches during January, February, and March, and roughly 2 inches per month during the remainder of the year. A deficiency during the first three months of the year would result in a shortage of Winter feed. This would cause a serious setback to the industry, especially if Winter rains were also light or irregular. Apart from this, however, totals of 30 inches or even less should bring fair returns.

The country west of Brisbane, represented by Ipswich, Laidley, and Crow's Nest, is generally considered to require about 35 inches for complete success in the dairying industry, although a well-distributed total of 30 inches should in most cases bring satisfactory results. Regular falls averaging 3½ to 4½ inches per month during Spring and Summer followed by falls averaging 1½ inches per month during the Autumn and Winter would appear to be ideal. Spring rains are most important, and it is perhaps an advantage if the greater part of the Spring-Summer rain falls during the first three months of this period. A dry period of two months in Winter would have little effect upon production in these parts, especially if ample rains were received during the wet season. In fact, such a dry period is in many cases regarded as beneficial, as it tends to rid the land of noxious herbage. Thus, provided most of the deficiency occurs in Winter, wholly unsatisfactory results should not be experienced unless the annual total fails to reach about 25 inches. With insufficient Summer rain, however, complete or partial failure can occur with much higher totals, irrespective of how much is received in Winter.

The country south of Brisbane resembles in some respects that already described insofar as it is considered advantageous if the maximum rainfall occurs in Spring and early Summer, and also if a relatively dry period is experienced around middle or late Winter. The wetter areas apparently obtain best results with a rainfall in the vicinity of 50 inches, and from Southport it has been suggested that the ideal local distribution would be as follows:—

September, October, November ..	8 inches per month.
December, January, February ..	4 inches per month.
March	6 inches.
April	4 inches.
May, June	2 inches per month.
July, August	Nil.

This agrees essentially with the lower limits in the following distribution given for Beenleigh, except as regards the July to September period. The limits here suggested are:—

January to March rainfall totalling 15 to 20 inches.
April to June rainfall totalling 8 to 10 inches.
July to September rainfall totalling 3 to 5 inches.
October to December rainfall totalling 20 to 25 inches.

Distributions far removed from these would result in diminished production, but unless an actual drought or flood occurred, reasonable results should still be obtained with totals down to 35 or 40 inches and up to 70 or 80 inches. The drier areas farther inland can manage successfully on lower rainfalls than the coastal region. Thus, in the Beaudesert area, success would be obtained with a well-distributed annual total of between 25 and 50 inches. If the total fails to reach 20 inches for the year, however, the monetary return for the season would probably be far from satisfactory.

AGRICULTURE.

Perhaps the most noteworthy feature of this district is the extent and variety of its agricultural activities, which range from the growing of sugar cane for overseas export down to market gardening for local and metropolitan consumption. Of these, probably the most important are the production of sugar cane, bananas, pineapples, and maize, but many other crops, though not of such value to the State as a whole, are, nevertheless, of great importance to individual localities. Thus, a considerable amount of attention is given in various parts to such crops as peanuts, potatoes (both English and Sweet), fruit (other than bananas and pineapples), arrowroot, and beans; while the growth of strawberries, pumpkins, onions, tomatoes, passionfruit, lucerne, wheat and oats (chiefly for feed) and other fodder crops is not without importance. Some cotton is also grown in this area, but the acreage is small, and no detailed information has been received regarding local factors in its production.

Tropical Fruits.—Bananas, pineapples, and in some places also other tropical fruits such as papaws, are grown along most of the coastal areas north of Brisbane, chiefly on and near the Blackall Range, while bananas are also grown on the eastern slopes to the south of the capital. As a general rule, bananas are grown on the steep hillsides with pineapples on the lowlands between. For this reason, pineapples can generally manage successfully with slightly less rainfall than bananas, but are more likely to be affected by excessive rain, especially if the ground is not well drained. All tropical fruits give best results when no dry spells are experienced, as the more prolific the growth of the plant the better. Substantial falls are required in Spring for early establishment of new areas and to give an early start to plantations already established. With perennial crops of this type, complete success would not be governed entirely by rainfall in any one year, but rather by consistent years of high rainfall. The limits stated hereunder are given on the assumption that the rainfall in previous years has been sufficient to produce at least fair results. A dry year (and to a greater extent successive dry years), could thus administer a check to these crops, the effects of which would be noticeable for some considerable time.

The banana plant in particular needs to be kept growing and takes a considerable time to recover from a severe set-back caused by dry weather, &c. Good Spring rains are essential to banana growing for several reasons. As well as retarding general growth, a dry period in Spring of even one month greatly retards bunch throwing, and results in much smaller bunches than are secured by good rains during this period. Moreover, it is generally found that during dry periods the ravages of Beetle Borer increase in banana plantations, the temporary check to growth allowing the beetles to gain an increased foothold in the plants. Prolonged periods of drizzly rains in Winter, accompanied by low temperatures, are usually harmful to banana, pineapple, and papaw plants, as such conditions are favorable to the incidence of fungal rots and diseases. Moderate falls of short duration in Winter are however desirable.

All these crops are reported to show excellent results with an annual rainfall of 50 to 60 inches in most areas, distributed somewhat as follows:—Frequent storms amounting to about 15 inches during September, October, and November, heavy falls or general rain during December, January, February, and March, totalling 25 to 30 inches, followed by 10 to 15 inches spread in frequent falls of short duration throughout the remainder of the year. Some soils apparently require more rain, as in the case of the scrub-lands in the Woodford area, where about 60 to 70 inches, distributed somewhat similarly, would be required for maximum results.

Regarding the area of high normal precipitation on and around the Blackall Range, the general opinion is that the rainfall here is practically always sufficient for successful fruit growing, and that success is governed more by soil type and farm management than by rainfall. Actually, the totals for this area are apt to be misleading, as the number of inches received in January and February is mostly far in excess of the moisture capacity of the soil, resulting in much running to waste, particularly in hilly country.

Many areas, of course, frequently do not receive the totals indicated here, but fair results should still be obtained with an annual total of 40 inches, or even 35 inches in some cases, provided no more than one month in Spring or Summer passed without a good fall. The scrub land, however, may show a complete failure at these figures, 50 inches being about the lower limit for success in this type of country. Complete failure of these crops could ensue with even higher totals if a disproportionate amount fell in Winter. A factor which may be overlooked in correlating success in an industry with rainfall, especially in hilly areas, is that of local variations in the rainfall. Thus, the Kilcoy district, although not a particularly successful banana-growing area, enjoys more success than would be indicated by Kilcoy's rainfall, which is somewhat less than that received in the adjacent ranges where the bananas are grown.

Sugar Cane.—The production of sugar cane in this district, while not assuming the proportions of that of the Northern cane fields, is nevertheless of considerable importance. As one of the chief requisites of this crop is a plentiful supply of soil moisture, the principal cane-growing area is situated in the region of high rainfall near the Blackall Range, mainly on alluvial flats along the Maroochy River and Paynters Creek. Other important areas include the districts around Gympie, Maryborough and along the Mary River Valley and parts of the coastal areas to the south of Brisbane, as around Beenleigh.

Since rapid growth of this crop demands large quantities of soil moisture accompanied by high temperatures and relative humidities, best results are obtained when heavy rains occur during the hottest months of the year. A comparatively dry Winter is then desired to ensure abundant sunshine for the manufacture of sugars within the plant. Heavy rains in Spring are not desired, as they seriously interfere with cutting operations, besides tending to render the clayey-loam soils obtaining in some areas difficult to cultivate. Relatively dry conditions from July to October are thus generally considered advantageous. Good storms in early Summer, however, are necessary for the growth of new crops planted in Spring, followed by heavy rains in January, February, and March.

Rainfall limits are very difficult to determine, owing to the wide range of conditions under which sugar cane is being grown in this district. As with other industries, sufficient rainfall is considered to be practically always assured in the Blackall Range area, success being influenced more by other factors such as farm management and the type of soil. Rainfall, however, is not so copious around Gympie, Maryborough, and Beenleigh, and consequently rain plays a more important part in the success or failure of the crop. The minimum rainfall for a completely successful crop would appear to vary from about 40 to 45 inches, depending upon other local factors, with at least two-thirds (and preferably more) of this between October and March. However, provided most of the deficiency occurred during the Winter months, some returns should be forthcoming with an annual total of down to 30 or 35 inches; but should the falls between October and March not amount to more than about 25 inches, returns would almost certainly be unsatisfactory.

Totals, of course, do not always give a true indication of rainfall conditions, and the distribution must be carefully considered. Major deviations from the desired conditions already outlined may have serious consequences. Thus, the absence of good rains in October and November may lead to the loss of young plants, while a dry spell of 4 to 6 weeks in mid-Summer would be seriously reflected in a check to growth, after which recovery would be slow and incomplete. Two or three months' subnormal rainfall during the cooler months, however, are not serious, and, moreover, dry periods during Autumn and Winter are generally offset by the heavy dews experienced. The moisture is deposited and retained in the sheath of the cane leaves and later absorbed by the plant.

Maize.—Maize is grown in numerous parts of this district, chiefly in the vicinity of Kingaroy and Gympie and in the rural areas surrounding Brisbane. Most of the crop is grown for grain mainly on rich scrub lands, but large quantities are also grown as green forage for the dairying industry. The growing period of maize usually extends over approximately 5 months, and as planting takes place between September and December, the crop will usually be under cultivation during all months from about September to about April. Because of the extended sowing season no definite statement as to the months in which rain is necessary can be made. For the same reason, any delay in planting rains should not cause any great inconvenience in most years, as growers would obviously postpone sowing until sufficient rains were received. Apart from planting time, the most critical stage for the grain crop is the tasseling period, when an ample supply of moisture is essential. Hot, dry spells during this period may result in total crop failure, although up to 4 weeks of dry weather may not be injurious during the first 6 weeks or so of growth.

The nomination of accurate limits of rainfall for success with this crop is not possible, as temperature and humidity play an important part, but as a general rule, falls amounting to 4 to 8 inches per month during the growing period should produce an excellent crop. Satisfactory results should, however, still be obtained with an average of 3 inches per month for the growing season, provided sufficient were received during the tasseling period. With less than this amount (which aggregates about 15 inches for the growing period), or if no good Summer rains be received until after January,

failure of the crop would be almost certain to occur, although it is reported from Gympie that reasonable results with early crops have been produced with growing season totals of as low as 10 inches.

Peanuts.—Small quantities of peanuts have been grown in Queensland for many years, but the last 14 years have seen a rapid expansion of this industry. This is shown by the increase in the area harvested from little more than 800 acres in 1925 to about 5,700 in 1927, and thence to over 17,000 in 1936. Queensland now produces practically the entire Australian peanut crop, the great bulk of which is grown in the north-west of this district, around Kingaroy, Wooroolin, Murgon, Nanango, and Proston. The crop is generally planted in October and November, and grows throughout the Summer until about March. Regular falls of rain are essential throughout all this period for good results, although a hot, dry period of 4 or 5 weeks will not harm the crop during the first two months of the growing season, provided abundant moisture is present prior to the commencement of the heat wave. An absence of prolonged wet weather or fog is essential during the harvesting and thrashing season from April to June, as bad drying weather darkens the shells and causes decay in stooks. The amount of rainfall which the crop could receive during this period without harm depends upon the duration of the precipitation. A short period would probably not have any serious effect, providing the total amount did not exceed 3 inches.

An ideal season for the peanut crop, therefore, would be one in which falls totalling between 4 and 8 inches were received each month during the planting and growing periods (October to March), followed by a period of reasonably dry weather from April to June. As stated above, however, little harm results from 4 or 5 weeks without rain in the early stages of growth, and success could therefore also be obtained with a rainfall which departs from the above distribution in this respect. If the rainfall for the October-March period averages less than 4 inches per month, production would probably suffer, but with regular falls, some results should still be obtained unless the average for this period drops below 2 inches per month. A complete failure of the crop, however, could be expected with less than this average, or even with more, if planting rains failed or amounted to less than 1 inch per month. It is to be remembered also that failure could result in any season if prolonged wet weather were experienced during the harvesting and thrashing period, irrespective of the amount received throughout the Summer months.

Potatoes.—The growing of potatoes (mostly English, but in some areas also the sweet variety) occupies a position of some importance in the agriculture of parts of this district, including certain areas around Gympie, Proston, Dayboro, Laidley and Southport. Many growers in the Laidley area have lately given attention to the growth of this crop (with others) under irrigation, to ensure greater regularity. It is advised from Gympie that two crops are usually grown, known as the Spring and the Autumn (or main) crops, respectively. The former crop is not extensive, and heavy yields are not expected but is grown principally as a supply of seed for the main planting. Sufficient moisture for the Spring crop should be provided by rains totalling 4 to 8 inches in July and August, followed by a further 4 to 12 inches during September and October. The main crop is sown in February and requires from 10 to 15 inches during January and February, followed by a similar total for March, April, and May. Heavy rains immediately after planting are undesirable, as they tend to rot the seed. It is generally accepted that a crop will result if good moisture be present at the time of planting, and so 3 or 4 inches received during growth should produce some yield, provided it has been preceded by a fall of 2 to 4 inches just prior to or at planting time. With a total for the whole growing period of less than 5 inches, however, or if flood rains fall at planting time, complete failure of the potato crop could be expected.

Beans.—Less information is available, unfortunately, of the majority of numerous other crops grown in this district. The production of beans, however, is perhaps worthy of special mention. Grown mainly around Gympie and also becoming profitable in the Yandina area, this crop is generally produced during the Winter months, and depends to a large extent upon the accumulation of moisture in the soil from the previous wet season. The annual total is thus important for this crop, and it is considered that about 45 inches for the year should be ample, provided 12 to 14 inches falls during the months April to October inclusive. However, 6 to 8 inches distributed over this period should produce fair results if the total for the year is not less than 30 inches.

Other Crops.—In the absence of sufficient direct information, general remarks only can be made regarding the remaining crops. The production of arrowroot in Australia is confined almost entirely to the Logan-Beenleigh-Southport area on the south coast of this district, where it is grown mainly along the foothills and slopes. Small amounts are also grown around Gympie and in New South Wales. Of the fruits not already dealt with, citrus is cultivated mainly on the Blackall Range and in the Palmwoods and Woombye areas, whilst strawberries are confined mainly to Buderim, Eudlo, Woombye, and Palmwoods. Both of these crops would be adversely affected by any prolonged dry period during the months of July, August, September, and October. Citrus trees blossom in August and September, and if the supply of soil moisture during this period is inadequate, the blossoming will be light and considerable shedding of fruit will take place. If high temperatures accompany a lack of rain, total loss of the strawberry crop would undoubtedly ensue. Moreover, as in the case of bananas, pineapples, and papaws, prolonged Winter rains are harmful to strawberry plants, as they promote the occurrence of conditions favorable to fungal rots and diseases. Much attention is given to general farming in the rural districts surrounding Brisbane. Crops grown include pumpkins, broom millet, onions, barley, lucerne, wheat and oats (not for grain), and other stock fodder, such as panicum, sorghum, &c., while some small amounts of tomatoes and passionfruit are grown between Samford and Dayboro. The requirements of most of these crops would be met by a rainfall for the year somewhat in accordance with that following—10 to 14 inches during the first quarter of the year is needed to stimulate growth of crops and to counteract the effect of the high temperatures and evaporation during that period, followed by 5 or 6 inches during the second quarter, mainly for fodder crops for the Winter. A further 5 or 6 inches during July, August, and September would permit of the planting of Spring crops, while 7 or 8 inches during the last quarter is required to maintain the growth of Spring and early Summer crops and to allow the planting of late Summer crops.

CATTLE RAISING.

Beef production in this district, though of considerable importance, is everywhere subordinated to dairying and/or farming. Cattle are usually relegated to the poorer pasture country, which varies from second-rate to inferior grazing land. The main areas concerned with this industry are situated in the Kingaroy-Proston-Boondooma region, and around Gympie, Kilcoy, Laidley, and Beaudesert. Horses and pigs are often reared in conjunction with cattle, and under similar rainfall conditions.

Since the problem of keeping up a reasonably uniform level of butter production, &c., does not arise in the case of beef cattle, there is not the same necessity for the uniform

rainfall distribution essential for dairy herds. Land, therefore, which in dry times would be unable to produce satisfactory results for the dairying industry without fodder conservation, may quite successfully support beef cattle, especially as cattle country is generally more lightly stocked. Thus, the rainfall desired for this industry will be similar to that for dairying in the same area, but the limits will be less stringent—i.e., success may still be obtained with lower rainfalls or less uniform distributions. Thus, no hardship is caused by an absence of rain during June, July, and August, which, indeed, is mostly regarded as advantageous, as rain during this period often tends to rot the dry feed. In fact, if good Summer rains have been received, the industry can carry on with little inconvenience if no further rain falls during Autumn and Winter. A dry period extending from September to late in January, however, would have serious consequences, as there would then be no fat stock available for the Summer markets. In wetter areas such as Gympie, an annual total of 40 inches, with all or most of it falling between September and May, should prove ample for this industry, while some returns would be obtained with totals as low as 30 inches, especially if most of the deficiency occurred in Autumn and Winter. An annual total of 40 inches, however, would rarely be obtained in drier areas, such as Boondooma, Beaudesert, &c., but on account of lighter stocking, good returns could be produced here with favorably distributed totals of down to 25 or 30 inches, depending upon the area. Fair results in these parts could be obtained with totals of as low as 20 inches, provided that all or most of this fell during the period September to March.

OTHER INDUSTRIES.

One of the great natural resources of this district is the pine-hardwood belt of timbers, which covers a large area. Some thousands of workers are employed in sawmills alone, in addition to the labour employed in cutting and hauling the timber. Variations from year to year in weather conditions generally do not have any pronounced effect upon this industry, except perhaps that hot, dry periods are conducive to bush fires. Scrub timbers generally flourish in areas where the normal rainfall is between 60 and 90 inches, while forest or hardwood timbers grow best with a normal rainfall of 40 to 60 inches. To most other industries in this district, including mining and numerous secondary industries, such as the operation of butter factories, meat works, sugar mills, &c., variations in rainfall are again not of vital importance, as the rain received should be everywhere sufficient for their maintenance.

QUEENSLAND MONTHLY AND ANNUAL RAINFALL TABLES.

The following tables show the monthly and annual amounts of Rainfall (in inches and hundredths) at 34 representative stations in District 40 for the entire period for which monthly records are available, up to the end of 1937, together with the average for each month and for the year.

The locations of Stations may be found on the Chart facing page 6.

The heights above mean sea-level, where available, are included in the headings of the Tables.

BALD HILLS. (*Brisbane*). *Moreton* (40).
Height above M.S.L., 37 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1895 ..	..	..	..	..	*1·12	*0·01	*0·44	*0·80	*2·06	*3·51	*3·51	*9·86	..
1896 ..	3·79	20·57	2·69	0·95	1·00	0·67	3·73	0·24	0·59	1·43	10·21	4·09	49·96
1897 ..	5·02	3·29	4·91	0·13	0·36	1·56	3·38	0·83	3·25	5·27	2·09	14·59	44·68
1898 ..	21·29	11·35	18·60	1·24	3·68	2·08	0·22	1·42	1·64	1·50	5·17	2·32	70·51
1899 ..	6·43	2·66	1·59	3·11	2·13	2·20	4·04	1·48	3·62	1·98	1·32	7·18	37·74
1900 ..	2·45	3·27	3·34	0·97	5·64	1·85	4·34	0·63	2·54	0·98	1·41	0·55	27·97
1901 ..	4·02	2·93	13·37	3·67	3·15	1·39	2·46	4·23	1·44	4·59	1·46	0·73	43·44
1902 ..	1·66	2·48	0·99	0·40	0·27	0·09	0·96	0·61	0·84	2·05	3·41	2·50	16·26
1903 ..	3·11	4·38	6·23	1·43	12·82	0·97	5·29	3·69	4·17	3·58	6·01	4·13	55·81
1904 ..	2·83	0·85	7·13	7·89	3·98	0·60	1·74	0·31	1·39	1·59	1·39	3·54	33·24
1905 ..	8·29	2·75	2·71	4·34	1·26	0·46	0·31	0·71	0·79	2·94	2·48	8·47	35·51
1906 ..	5·68	12·11	5·31	0·25	3·61	0·94	0·26	3·19	3·78	3·22	1·72	3·05	43·12
1907 ..	3·04	6·85	6·66	0·36	5·78	2·54	0·50	0·65	0·28	1·04	4·92	3·11	35·73
1908 ..	4·78	9·74	15·77	1·62	2·19	0·21	0·15	2·50	0·83	0·73	2·22	2·81	43·55
1909 ..	1·86	2·10	2·48	7·02	0·65	1·95	2·04	2·54	2·00	1·55	2·04	7·39	33·62
1910 ..	5·54	4·11	7·36	1·47	0·21	7·34	0·27	0·40	3·22	3·74	4·59	15·18	53·43
1911 ..	9·68	6·84	4·52	0·80	0·92	0·02	1·15	1·72	1·58	3·50	0·68	0·60	32·01
1912 ..	1·47	2·62	11·06	0·32	0·21	6·42	1·99	1·18	0·50	10·21	2·83	5·70	44·51
1913 ..	6·78	6·67	3·23	5·73	8·49	5·10	2·44	0·00	2·76	1·44	0·84	2·27	45·75
1914 ..	2·69	7·65	9·69	0·27	4·43	5·00	1·80	0·52	0·71	4·18	1·27	3·98	42·19
1915 ..	3·25	12·02	0·06	1·05	4·04	0·32	1·37	1·75	1·92	0·19	1·88	2·13	29·98
1916 ..	0·98	7·50	1·14	4·44	1·60	2·63	1·82	1·75	3·23	4·60	6·35	5·70	41·74
1917 ..	9·11	2·07	4·86	0·34	0·50	0·00	0·50	0·23	4·25	1·90	8·78	6·71	39·25
1918 ..	9·92	2·19	2·41	2·15	1·60	0·34	0·38	1·27	1·63	0·70	1·52	1·59	25·70
1919 ..	2·37	0·34	6·02	2·12	5·81	0·97	0·00	0·67	0·21	0·85	0·23	1·43	21·02
1920 ..	13·40	0·61	1·54	1·96	2·71	3·85	2·32	0·76	2·43	2·54	6·50	1·64	40·26
1921 ..	5·26	0·16	6·05	7·75	0·74	8·02	4·43	0·00	1·32	0·56	2·36	12·37	49·02
1922 ..	2·04	9·31	1·22	0·58	2·03	1·20	3·32	0·28	1·03	0·90	2·73	4·31	28·95
1923 ..	0·83	0·20	2·90	5·97	0·00	2·67	2·40	1·08	1·25	0·50	1·11	3·01	21·92
1924 ..	2·81	10·91	4·00	2·89	1·39	3·63	7·22	1·25	1·88	2·85	6·04	1·29	46·16
1925 ..	9·84	6·08	10·33	0·12	5·49	6·59	0·49	3·38	0·26	0·15	9·47	10·26	62·46
1926 ..	4·37	0·54	3·00	2·52	2·01	4·57	0·30	0·04	2·36	0·67	0·92	10·68	31·98
1927 ..	23·56	4·10	9·57	3·52	0·00	3·11	0·50	0·03	1·86	8·84	5·65	8·72	69·46
1928 ..	6·38	20·74	2·99	22·13	2·83	3·27	0·54	1·90	0·25	0·60	0·46	1·76	63·85
1929 ..	4·18	4·07	7·99	11·92	0·88	7·71	0·63	0·62	0·30	4·22	1·33	3·26	47·11
1930 ..	9·91	2·55	2·83	1·97	6·74	11·61	1·91	2·18	1·57	2·30	1·57	1·94	47·08
1931 ..	5·04	24·53	13·84	2·45	2·59	0·73	1·31	1·24	1·04	0·82	7·62	7·06	68·27
1932 ..	0·72	2·25	0·72	8·20	1·29	0·49	0·28	0·28	3·14	3·70	1·30	2·35	24·72
1933 ..	7·91	3·66	1·06	10·43	0·11	1·35	4·45	0·98	3·90	3·32	7·00	7·80	51·97
1934 ..	2·44	14·94	2·52	7·96	3·53	0·91	5·37	0·92	1·08	1·88	5·26	11·16	57·97
1935 ..	7·69	10·84	3·75	3·95	2·08	0·00	3·13	1·48	3·68	8·07	0·82	5·61	51·10
1936 ..	4·49	1·93	7·07	0·11	1·92	2·49	1·48	0·30	0·71	0·30	1·59	1·57	23·96
1937 ..	1·86	7·01	8·04	0·50	0·15	1·05	1·14	1·62	0·45	4·55	8·17	6·50	41·04
Average for 42 years	5·69	6·23	5·51	3·50	2·64	2·59	1·96	1·21	1·80	2·63	3·45	5·03	42·24

BEAUDESERT. *Moreton* (40).
Height above M.S.L., 154 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1893 ..	6·29	29·56	4·46	1·18	1·10	10·52	1·48	2·48	4·30	3·65	2·83	3·40	71·25
1894 ..	11·84	3·60	5·49	2·91	1·51	1·87	0·00	1·41	3·25	3·01	2·85	3·12	40·86
1895 ..	13·43	0·63	0·10	2·52	0·77	0·00	0·41	0·18	1·40	3·12	6·84	8·98	38·38
1896 ..	4·91	11·11	3 59	1 04	0·65	0·70	2·67	0·07	1·52	1·16	4·70	7·20	39·32
1897 ..	5·01	3·57	4·32	0·00	0·77	5·42	4·31	1·55	2·99	3·22	1·60	11·66	44·42
1898 ..	7·08	3·88	3·13	0·00	0·98	1·46	0·30	1·80	2·12	1·89	3·74	2·54	28·92
1899 ..	7·84	6·22	5·24	3·22	4·52	1·79	5·01	1·74	2·13	2·51	1·27	6·65	48·14
1900 ..	4·75	3·30	1·40	0·49	5·65	1·91	1·80	1·50	1·81	0·23	1·83	1·48	26·15
1901 ..	5·25	2·15	11·96	4·53	1·85	4·60	2·40	3·19	1·17	2·29	0·45	0·40	40·24
1902 ..	2·00	1·38	0·22	0·05	0·14	0·37	0·08	1·22	1·67	3·85	2·49	4·62	18·09
1903 ..	0·88	4·38	1·94	0·81	9·10	3·72	7·62	2·14	4·09	4·52	3·21	1·03	43·44
1904 ..	2·05	0·60	4·05	5·21	4·12	0·15	0·86	0·29	2·09	2·00	1·39	4·73	27·54
1905 ..	6·88	0·91	4·63	3·70	1·70	0·45	0·40	0·60	1·66	3·22	3·17	3·71	31·03
1906 ..	5·54	5·90	7·66	0·90	4·61	0·73	0·18	2·46	3·04	3·82	2·45	4·12	41·41
1907 ..	2·88	2·90	3·54	0·71	3·42	1·42	0·67	1·46	0·00	1·71	5·86	4·40	28·97
1908 ..	0·60	4·79	9·78	1·87	1·70	0·26	0·56	4·77	1·94	1·45	2·75	0·80	31·27
1909 ..	1·37	4·13	2·76	4·85	0·32	0·91	1·87	1·12	0·48	1·17	3·62	5·08	27·68
1910 ..	7·16	1·91	3·45	1·78	0·30	3·27	0·88	0·00	2·08	3·44	3·21	6·51	33·99
1911 ..	9·83	3·34	2·43	2·01	0·38	0·00	1·33	1·03	1·14	2·68	1·42	1·49	27·08
1912 ..	1·09	3·48	9 87	0·71	0·05	5·76	2·54	1·39	0·54	3·25	2·45	2·01	33·14
1913 ..	3·29	3·16	3·07	2·05	3·61	3·55	0·71	0·00	2·31	1·43	1·31	3·78	28·27
1914 ..	4·65	2·32	5·79	0·59	2·08	2·77	1·49	0·13	1·82	4·09	3·60	3·97	33·30
1915 ..	2·80	5·61	0·62	0·66	2·02	0·18	1·33	2·86	1·33	0·03	1·69	2·45	21·58
1916 ..	3·13	7·16	1·54	8·61	0·46	1·61	1·18	1·87	2·45	4·67	4·01	5·15	41·84
1917 ..	8·23	3·95	5·81	0·69	0·43	0·08	0·36	0·39	4·73	1·93	10·09	5·12	41·81
1918 ..	4·84	1·83	0·74	2·49	1·12	0·73	0·15	1·85	0·87	0·46	2·44	1·78	19·30
1919 ..	0·25	0·10	4·94	1·72	5·16	0·24	0·05	0·55	0·24	0·95	1·20	1·69	17·09
1920 ..	8·10	0·43	1·36	1·32	1·48	2·37	2·71	1·56	3·20	2·75	4·73	2·87	32·88
1921 ..	3·39	1·55	4·87	4·43	2·13	7·95	6·57	0·31	2·05	1·93	1·16	14·37	50·71
1922 ..	1·75	6·20	1·98	0·00	0·94	1·56	3·64	0·24	2·19	1·36	1·79	4·07	25·72
1923 ..	1·56	0·18	2·36	1·78	0·26	2·71	0·80	0·71	1·52	0·26	2·07	6·61	20·82
1924 ..	1·98	6·21	2·74	2·12	0·27	2·92	3·58	2·36	2·07	2·82	4·85	3·25	35·17
1925 ..	6·95	2·59	5·53	0·40	3·31	2·57	0·54	1·93	0·33	0·19	5·71	2·97	33·02
1926 ..	3·43	0·05	0·93	0·75	0·52	50·5	0·25	1·01	1·47	0·80	0·50	4·98	19·74
1927 ..	17·77	4·18	4·64	1·40	0·06	1·94	0·44	0·22	1·89	4·39	4·96	3·80	45·69
1928 ..	4·62	18·04	1·06	9·50	1·19	1·84	1·40	0·68	0·25	0·77	0·97	2·63	42·95

Continued in next column.

BEAUDESERT. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1929 ..	6·10	10·64	7·73	7·60	0·26	2·28	0·58	1·13	0·36	4·32	1·62	3·98	46·60
1930 ..	8·35	5·74	2·15	4 49	7·72	7·29	1·04	2·02	1·63	5·62	1·31	2·21	49·57
1931 ..	3·52	9·73	7·48	2·57	2·66	0·69	1·63	0·35	0·74	1·39	5·01	7·54	43·31
1932 ..	1·88	3·39	0·83	5·36	0·69	0·55	0·78	0·48	4·07	1·19	3·57	1·58	24·37
1933 ..	9·72	3·63	0·36	6·40	0·85	0·71	2·96	0·25	1·95	2·85	6·43	4·78	40·89
1934 ..	5·01	10·88	0·11	4·78	1·68	0·81	5·47	1·19	0·93	2·33	1·53	6·92	41·64
1935 ..	4·54	9·23	1·63	2·91	1·71	0·00	1·30	0·50	4·58	4·91	1·19	5·59	38·09
1936 ..	6·24	1·57	3·67	0·26	1·79	1·91	1·38	0·16	1·24	0·66	1·83	2·59	23·30
1937 ..	1·74	1·96	7·08	0·57	0·25	0·71	1·28	2·11	0·36	3·07	6·79	6·00	31·92
Average for 45 years	5·12	4·85	3·76	2·49	1·92	2·18	1·71	1·23	1·87	2·38	3·08	4·32	34·91

BIGGENDEN. *Moreton* (40).
Height above M.S.L., 392 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1898 ..	..	..	..	..	..	..	..	..	*2·98	*1·19	..	..	..
1899 ..	6·88	3·77	3·28	2·15	1·97	1·09	1·53	2·13	1·75	1·82	2·97	7·44	36·78
1900 ..	2·61	0·40	2·81	0·28	3·06	1·43	3·23	0·98	3·07	0·87	1·65	0·06	20·45
1901 ..	1·11	2·55	6·19	6·35	1·47	1·56	0·74	2·81	2·11	1·35	0·47	0·92	27·63
1902 ..	2·12	0·83	1·80	0·65	0·00	0·04	0·08	0·04	1·58	2·34	0·25	8·08	17·81
1903 ..	2·25	3·15	3·95	0·16	6·07	2·07	3·90	1·62	2·23	2·77	4·37	5·62	38·16
1904 ..	7·48	0·71	3·16	2·92	2·29	0·71	0·39	0·29	0·00	4·06	1·08	5·89	28·98
1905 ..	13·05	1·94	3·61	3·81	1·46	0·60	0·28	0·10	0·79	2·56	1·14	11·66	41·00
1906 ..	2·27	8·24	4·61	0·45	5·77	1·42	0·48	3·02	5·07	1·19	3·09	4·55	40·16
1907 ..	5·77	3·55	10·91	0·34	4·02	5·24	1·51	0·96	0·24	1·99	2·50	5·55	42·58
1908 ..	2·37	9·82	9·84	2·97	0·73	0·43	0·49	2·33	1·39	1·80	2·22	3·66	38·05
1909 ..	7·37	2·68	2·45	1·65	0·72	2·36	4·01	1·78	0·29	2·83	3·86	6·96	36·96
1910 ..	7·22	3·99	3·79	0·73	1·04	5·25	0·92	0·28	0·75	2·26	4·59	5·96	36·78
1911 ..	9·37	7·34	6·25	1·52	0·23	0·00	0·60	0·94	0·79	2·61	2·62	3·09	35·36
1912 ..	2·63	3·13	5·76	0·18	0·42	4·61	1·27	0·53	0·65	2·77	3·58	2·12	27·65
1913 ..	16·59	4·25	1·38	1·73	4·07	3·69	0·69	0·02	4·11	1·04	1·20	4·81	43·58
1914 ..	1·33	4·27	11·12	2·00	0·96	2·86	0·41	0·44	0·73	4·05	1·36	1·80	31·33
1915 ..	3·23	6·10	0·00	0·65	0·73	0·47	1·09	1·82	2·65	1·11	2·42	2·39	22·66
1916 ..	0·76	4·06	2·27	1·75	2·42	2·54	3·26	2·42	2·25	6·12	4·93	2·66	35·44
1917 ..	8·83	2·93	5·04	0·39	0·04	0·07	0·65	1·63	4·51	1·14	11·73	2·45	39·41
1918 ..	9·22	4·16	2·80	3·00	0·76	0·05	0·13	0·84	0·29	0·03	1·17	0·74	23·19
1919 ..	0·58	2·71	2·71	2·26	2·66	0·04	0·22	0·84	0·02	0·65	0·00	0·42	13·11
1920 ..	7·03	0·73	1·55	1·00	1·39	2·27	1·59	0·87	2·61	5·64	2·56	3·55	30·79
1921 ..	5·54	1·29	4·08	4·01	2·73	3·93	2·62	1·59	2·22	1·83	2·42	12·50	44·76
1922 ..	4·04	2·90	0·65	0·09	0·27	1·92	2·58	0·49	0·45	1·22	1·77	3·61	19·99
1923 ..	5·59	0·41	2·47	5·71	0·06	4·90	1·17	0·24	1·21	0·51	1·79	5·13	29·19
1924 ..	2·05	14·81	3·17	1·60	0·45	2·51	4·66	0·65	2·00	6·48	3·82	4·49	46·69
1925 ..	8·18	3·67	2·52	0·35	0·93	3·95	0·87	1·48	0·89	0·25	2·66	5·51	31·26
1926 ..	2·93	0·26	1·98	1·59	4·20	2·23	0·55	0·12	1·37	1·60	1·48	13·61	31·92
1927 ..	8·50	2·90	8·24	2·90	0·13	2·44	0·70	0·53	1·47	3·41	3·98	3·95	39·15
1928 ..	4·04	19·88	1·78	5·68	1·71	4·73	0·64	0·35	0·29	0·49	2·03	2·81	44·43
1929 ..	5·65	7·72	2·02	9·05	0·00	1·97	0·12	1·42	0·00	2·08	5·15	1·92	37·10
1930 ..	9·83	3·54	5·49	0·76	2·34	7·01	1·41	1·87	1·45	0·82	1·76	1·56	37·84
1931 ..	2·03	8·85	3·60	2·38	2·04	0·36	0·37	0·18	1·35	2·53	4·85	6·19	34·73
1932 ..	1·23	1·91	0·49	1·88	1·23	0·18	0·30	0·22	0·99	4·37	1·16	2·39	16·35
1933 ..	9·31	1·95	0·28	3·69	0·64	1·59	3·61	2·41	2·97	7·32	5·80	6·74	46·31
1934 ..	0·39	11·29	0·95	4·55	1·61	3·52	2·13	1·31	0·95	3·39	5·76	9·04	44·89
1935 ..	3·15	3·09	1·66	1·31	2·55	0·00	2·85	1·11	3·38	3·44	0·00	4·58	27·12
1936 ..	4·92	1·59	4·06	0·84	1·59	5·48	0·34	0·00	0·69	0·61	0·86	5·19	26·17
1937 ..	0·85	3·17	14·95	0·58	0·28	0·92	0·90	1·11	0·33	4·52	1·94	2·31	31·86
Average for 39 years	5·08	4·37	3·94	2·15	1·67	2·22	1·37	1·07	1·54	2·46	2·74	4·66	33·27

BRISBANE. *Moreton* (40).
Height above M.S.L., 137 feet.
(See Page 95-96)

CAPE MORETON. *Moreton* (40).
Height above M.S.L., 331 feet.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1869 ..	..	..	..	..	..	..	..	*0·71	*3·93	*1·23	*8·98	*2·71	..
1870 ..	5·97	6·79	27·57	4·49	11·61	3·91	8·20	3·70	2·01	2·83	6·07	4·17	87·32
1871 ..	5·47	3·30	8·62	8·64	1·26	3·97	1·55	1·26	1·84	5·75	5·04	14·00	60·70
1872 ..	16·08	4·57	13·42	2·18	1·47	3·12	6·40	3·24	1·60	2·02	6·86	14·27	75·23
1873 ..	5·34	4·16	11·23	4·21	3·87	13·23	4·96	7·85	1·13	1·68	8·00	7·48	73·14
1874 ..	9·30	1·67	3·62	12·04	2·72	4·57	7·99	0·59	1·13	5·80	2·41	4·74	56·49
1875 ..	3·82	16·23	11·54	4·79	11·81	2·43	6·17	1·54	4·83	3·88	1·56	2·27	70·87
1876 ..	4·30	10·82	1·89	12·54	18·32	8·04	4·37	2·50	3·63	3·09	2·59	4·46	76·55
1877 ..	6·71	1·59	4·01	5·80	2·75	7·97	11·27	2·08	2·78	3·50	3·85	1·58	53·89
1878 ..	8·90	8·73	5·98	3·58	10·83	1·36	0·15	2·28	1·64	1·49	2·23	11·70	58·87
1879 ..	8·28	4·41	4·62	7·92	6·63	6·42	5·79	11·78	6·27	2·31	2·15	8·33	74·91
1880 ..	3·31	9·74	5·98	2·40	1·57	0·21	0·64	0·17	4·47	5·13	3·47	5·09	42·18
1881 ..	1·28	4·18	2·54	5·63	7·28	1·14	3·03	3·95	4·62	2·46	5·37	1·52	43·00
1882 ..	0·60	8·19	3·03	7·09	2·92	11·29	3·86	1·52	0·80	6·60	1·86	8·71	56·47

Continued on next page.

* Incomplete, not used in determining Averages.

CAPE MORETON. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1883 ..	13·93	7·45	8·82	4·22	2·48	1·25	1·09	2·05	1·85	1·08	1·23	0·68	46·13
1884 ..	2·15	6·45	7·55	3·77	27·81	6·65	11·56	2·75	2·24	1·25	6·04	4·08	82·30
1885 ..	4·15	9·42	1·93	2·85	2·94	2·58	3·24	3·21	1·83	0·45	0·30	3·71	36·61
1886 ..	10·90	2·37	3·40	4·10	1·53	7·21	4·14	3·98	4·46	2·20	11·91	6·38	62·58
1887 ..	8·61	10·40	18·03	12·40	9·57	3·93	5·64	4·83	3·36	0·25	3·78	2·50	83·30
1888 ..	4·34	14·49	3·72	5·93	7·59	6·59	0·72	1·78	3·26	2·80	2·21	3·78	57·21
1889 ..	0·79	1·59	9·04	18·91	8·53	0·69	14·95	7·78	7·46	4·17	7·21	5·42	87·44
1890 ..	15·44	6·27	24·22	13·24	8·81	2·39	4·75	1·81	4·33	1·51	6·56	6·63	95·96
1891 ..	9·48	2·29	7·81	7·89	9·68	4·21	3·68	4·95	3·84	4·74	3·96	4·69	67·22
1892 ..	5·10	3·83	12·31	10·96	12·02	6·48	3·41	1·98	5·68	6·49	2·03	7·05	77·34
1893 ..	8·38	22·49	10·23	3·59	2·61	6·70	5·01	5·82	2·26	2·83	4·32	3·39	77·63
1894 ..	11·18	2·78	10·11	8·30	9·46	4·52	0·72	4·30	8·43	3·89	2·49	5·26	71·44
1895 ..	16·22	3·58	8·28	5·68	4·27	3·79	1·61	1·37	3·16	2·71	2·37	4·79	57·83
1896 ..	3·93	13·75	2·57	1·35	5·10	5·52	4·55	2·33	2·59	3·02	8·93	2·47	56·11
1897 ..	5·01	2·15	5·46	0·87	3·54	3·66	4·91	2·61	4·43	4·34	1·76	14·45	53·19
1898 ..	16·76	7·41	20·35	1·77	13·94	4·82	1·26	5·58	2·28	1·60	1·13	5·94	82·84
1899 ..	4·82	6·85	1·57	7·59	10·39	4·90	8·24	4·14	3·08	1·83	0·99	8·50	62·90
1900 ..	2·40	5·96	8·10	2·57	15·25	4·82	6·56	1·69	4·38	1·57	1·81	2·54	57·65
1901 ..	1·32	6·77	8·78	9·75	8·14	5·12	10·06	7·14	1·65	4·50	1·87	0·86	65·96
1902 ..	2·45	3·45	4·06	3·11	2·01	1·35	2·61	1·25	3·69	1·73	2·12	0·70	28·53
1903 ..	2·97	3·60	6·83	2·39	10·49	2·11	4·73	6·68	3·14	4·38	4·89	4·11	56·32
1904 ..	1·82	0·52	10·72	15·26	7·01	6·27	3·91	3·28	1·33	1·73	1·42	3·19	56·46
1905 ..	7·18	4·43	1·34	4·72	12·79	2·14	0·11	1·53	0·96	3·36	4·88	3·42	46·86
1906 ..	5·31	8·74	3·64	3·45	2·33	4·96	0·59	4·69	5·56	5·35	2·21	8·02	54·85
1907 ..	8·62	7·08	18·04	2·84	9·63	7·29	1·59	0·46	0·00	2·21	4·84	3·31	65·91
1908 ..	6·54	12·98	17·14	7·59	14·47	4·30	4·31	7·38	0·93	3·21	3·79	2·18	84·82
1909 ..	4·13	6·25	2·25	9·88	0·60	6·37	9·11	6·32	2·81	1·81	3·74	8·51	61·78
1910 ..	6·37	2·46	13·47	4·07	4·98	8·62	0·28	1·72	3·87	5·00	3·46	11·01	65·31
1911 ..	8·36	6·26	8·03	2·59	1·66	2·49	3·81	4·54	0·38	4·06	0·43	1·06	43·67
1912 ..	2·47	3·58	10·78	1·13	6·94	7·47	5·64	1·61	0·24	4·56	4·85	2·90	52·17
1913 ..	6·80	4·98	3·39	7·45	8·51	8·83	10·16	0·00	4·94	1·24	1·28	3·80	61·38
1914 ..	3·31	5·89	18·37	0·36	14·13	15·79	8·37	4·80	6·21	4·36	1·93	4·83	88·35
1915 ..	4·65	9·67	0·47	1·24	5·14	1·00	2·33	3·39	1·50	0·00	0·38	1·98	31·75
1916 ..	0·84	9·06	1·81	9·85	1·37	7·02	4·90	3·91	4·03	5·15	4·64	4·27	56·85
1917 ..	3·71	5·31	7·13	9·49	5·21	0·54	0·28	3·66	5·95	0·34	8·20	7·75	57·57
1918 ..	7·60	3·91	3·46	5·47	2·82	3·88	2·85	2·55	4·83	0·09	1·36	2·24	41·06
1919 ..	0·98	3·52	10·71	14·02	6·98	2·80	4·45	2·19	0·10	1·55	0·61	0·75	48·66
1920 ..	14·91	2·27	5·38	3·53	11·77	5·66	12·73	1·28	7·87	2·56	3·21	3·15	74·32
1921 ..	5·96	2·79	8·03	7·95	6·22	11·31	5·19	3·55	2·11	1·30	1·77	11·88	68·06
1922 ..	2·55	6·79	2·89	1·33	6·92	5·36	4·47	0·53	3·73	1·14	1·66	5·60	42·97
1923 ..	4·05	4·69	5·00	14·75	1·37	3·33	3 33	5·65	1·65	0·78	1·25	7·07	52·92
1924 ..	6·28	6·06	3·42	10·25	4·11	9·09	7·95	2·60	2·37	3·71	7·04	2·36	65·24
1925 ..	7·95	3·45	17·04	1·82	22·13	11·86	1·28	4·06	1·10	1·16	5·25	6·64	83·74
1926 ..	5·72	0·59	6·40	3·08	5·32	6·86	1·02	1·45	3·78	1·11	0·22	11·66	47·21
1927 ..	21·35	8·85	9·45	8·41	4·47	12·67	0·79	0·73	6·91	3·89	5·86	10·32	93·70
1928 ..	6·98	14·31	3·60	12·05	4·73	4·31	1·04	1·94	0·76	0·90	3·85	3·03	57·50
1929 ..	3·28	13·89	13·80	10·47	7·05	2·57	1·24	4·10	1·41	4·25	1·21	1·90	65·17
1930 ..	12·52	1·86	4·99	11·81	12·72	10·70	2·14	3·48	1·43	2·94	1·27	2·23	68·09
1931 ..	10·64	21·63	8·90	7·10	6·45	2·84	4·39	8·91	1·80	4·67	7·08	8·96	93·37
1932 ..	1·04	3·87	4·51	8·21	4·51	5·65	4·53	1·87	7·92	2·85	1·24	1·38	47·58
1933 ..	7·43	5·10	3·34	6·47	1·74	6·01	7·29	4·44	3·43	2·83	5·21	12·66	65·95
1934 ..	4·52	12·33	1·86	15·15	14·69	2·17	12·59	1·18	1·33	2·31	10·27	7·11	85·51
1935 ..	4·35	5·29	6·94	2·18	7·05	0·90	4·04	2·92	4·11	4·95	0·42	5·80	48·95
1936 ..	5·28	1·43	6·14	1·61	9·23	4·81	3·95	0·55	2·24	2·45	2·01	1·22	40·92
1937 ..	2·28	4·07	14·56	3·34	2·74	9·21	5·80	4·33	0·29	4·04	13·31	4·22	68·19
Average for 68 years	6·40	6·49	8·02	6·49	7·31	5·32	4·62	3·33	3·12	2·88	3·67	5·33	62·98

COORAN. *Moreton* (40).

Height above M.S.L., 248 feet at Railway Station.

1893 ..	13·92	58·76	12·46	3·38	2·55	12·40	5·99	6·08	1·47	1·98	4·27	2·95	126·21
1894 ..	19·04	2·18	9·23	8·51	2·05	2·89	0·16	1·88	4·47	6·41	4·30	6·10	67·22
1895 ..	23·17	4·41	3·57	†4·02	†0·88	†0·12	1·21	0·29	2·50	2·63	2·05	9·21	54·06
1896 ..	6·16	29·21	2·54	1·43	2·04	0·50	1·59	0·59	0·49	0·90	5·28	4·12	54·85
1897 ..	3·60	4·06	3·65	0·20	0·47	3·52	7·36	1·24	3·62	2·61	1·73	12·56	44·62
1898 ..	28·40	14·12	28·38	3·42	5·35	3·01	0·02	2·05	5·38	1·20	2·68	1·36	95·37
1899 ..	7·41	3·66	4·30	5·00	3·99	5·54	1·99	1·35	1·61	3·49	0·54	9·51	48·39
1900 ..	2·51	3·29	2·69	1·95	4·38	0·35	†2·66	†3·25	†4·47	0·50	0·40	0·88	27·33
1901 ..	3·40	7·14	18·07	5·17	6·71	2·58	4·78	5·02	1·18	4·41	1·47	2·08	62·01
1902 ..	1·29	0·86	3·88	1·66	0·16	0·13	0·71	0·20	0·91	2·56	3·15	3·39	18·90
1903 ..	1·26	3·46	7·90	1·32	14·57	1·56	4·50	3·12	3·39	3·57	4·13	4·24	53·02
1904 ..	8·32	1·29	6·07	13·96	5·49	0·50	1·58	0·71	0·61	2·52	1·88	5·21	48·14
1905 ..	10·42	3·35	3·09	8·60	5·46	1·22	0·11	0·63	1·95	4·45	1·03	5·71	46·02
1906 ..	7·40	12·09	5·59	0·39	5·85	3·13	0·51	3·74	4·92	2·82	4·50	4·21	55·15
1907 ..	2·93	11·35	11·23	0·89	4·97	5·56	1·10	0·86	0·45	1·43	3·11	3·18	47·06
1908 ..	7·32	11·63	13·17	5·14	3·72	0·82	1·99	2·08	1·61	1·80	5·31	5·29	59·88
1909 ..	5·34	7·18	5·85	4·66	1·55	3·27	4·17	2·63	1·28	3·68	6·83	22·16	68·60
1910 ..	7·88	1·66	8·17	2·21	0·86	10·84	0·80	0·73	1·94	1·82	7·20	4·40	48·51
1911 ..	16·95	11·16	7·34	1·72	0·63	0·03	2·65	1·43	0·49	4·23	0·54	2·56	49·73
1912 ..	4·65	6·20	9·32	0·87	1·26	6·69	2·10	1·55	0·10	4·64	3·24	4·11	44·73
1913 ..	15·90	6·86	2·67	11·73	5·48	4·44	5·00	0·05	3·42	0·04	0·00	2·74	58·33
1914 ..	6·59	9·05	13·59	3·27	1·80	6·90	1·17	1·30	1·55	4·76	2·72	4·36	57·06
1915 ..	5·30	12·93	0·10	0·44	2·56	0·40	1·30	1·37	2·43	0·46	2·46	2·74	32·49
1916 ..	4·77	3·00	5·52	5·32	2·04	2·49	4·09	4·37	5·09	6·50	5·22	10·09	58·50
1917 ..	5·26	3·10	4·53	2·99	2·24	0·15	0·88	2·04	5·78	0·97	10·11	5·11	43·16
1918 ..	14·83	7·61	6·46	4·98	3·25	0·03	0·31	3·51	3·65	0·35	3·96	1·02	49·96
1919 ..	0·23	1·47	6·69	4·78	6·74	1·10	0·64	0·85	0·09	1·17	0·01	0·72	24·49
1920 ..	16·95	2·37	3·37	3·31	2·92	3·89	1·74	1·18	1·95	6·02	8·08	3·78	55·56
1921 ..	7·09	3·87	11·22	9·73	2·81	5·17	6·67	0·99	3·67	2·29	2·49	9·82	65·82
1922 ..	3·28	15·15	2·34	0·71	3·57	2·29	2·66	0·16	2·38	1·04	1·73	6·38	41·69
1923 ..	4·73	2·95	2·47	11·36	1·60	3·25	4·15	0·97	1·68	2·22	4·99	9·71	50·08
1924 ..	2·96	9·76	6·99	2·62	3·07	1·84	7·82	1·20	2·90	3·82	2·53	5·02	50·53
1925 ..	15·40	7·18	13·18	2·82	6·04	10·16	0·98	2·81	0·39	2·18	5·28	5·35	71·77
1926 ..	4·80	0·88	3·39	5·00	3·69	4·12	0·91	0·12	4·72	0·89	0·17	18·30	46·99
1927 ..	21·99	5·12	18·37	4·28	0·10	2·87	0·29	0·52	3·53	4·57	5·10	11·14	77·88
1928 ..	8·19	27·93	2·58	16·90	2·12	3·60	1·33	0·72	0·38	1·01	0·68	4·70	70·14
1929 ..	13·24	8·95	4·49	12·66	0·40	4·78	0·53	1·09	0·21	2·75	2·28	4·58	55·96
1930 ..	16·14	7·27	4·90	1·56	6·09	17·06	1·45	3·36	1·32	1·59	3·52	2·51	66·77
1931 ..	7·05	23·06	12·99	2·50	3·48	0·97	0·92	2·05	1·58	1·50	4·52	8·49	69·11

Continued in next column.

COORAN. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1932 ..	0·54	2·61	1·32	5·70	1·90	1·82	0·52	0·52	4·14	3·52	1·61	4·23	28·43
1933 ..	6·66	2·22	0·70	6·55	1·64	2·22	3·80	1·12	4·47	4·67	9·31	12·02	55·38
1934 ..	3·35	15·26	3·69	10·31	3·55	1·46	3·66	1·68	1·00	3·72	6·78	3·53	57·99
1935 ..	4·95	9·71	4·70	4·52	2·62	0·00	3·85	3·29	4·77	4·96	0·33	7·82	51·52
1936 ..	6·04	4·31	12·79	0·86	3·66	4·11	1·24	0·00	0·37	0·79	1·46	2·36	37·99
1937 ..	0·84	5·53	16·86	1·09	1·34	1·52	1·14	2·79	0·45	4·40	8·67	3·52	48·15
Average for 45 years	8·41	8·78	7·39	4·68	3·28	3·36	2·29	1·72	2·33	2·75	3·51	5·85	54·35

† 1895, April to June. Compiled from Cooroy and Gympie.
† 1900 July to September. Compiled from Cooroy.

COOROY. *Moreton* (40).

Height above M.S.L., 361 feet at Railway Station.

1893 ..	†13·92	†58·76	†12·46	†3·38	3·11	16·21	4·43	6·58	0·93	4·76	4·22	3·08	131·84
1894 ..	18·49	4·29	23·01	9·92	3·04	3·19	0·03	2·04	2·48	6·91	3·80	9·34	86·54
1895 ..	26·35	6·24	5·12	4·20	0·99	0·23	1·49	0·59	3·54	†2·63	†2·05	†9·21	62·64
1896 ..	5·73	30·03	2·88	1·89	1·88	0·56	1·64	0·44	0·84	0·76	8·74	3·15	58·54
1897 ..	2·70	6·35	8·15	0·49	0·52	4·51	9·15	1·67	3·69	4·84	3·12	14·03	59·22
1898 ..	38·81	19·70	42·44	6·10	6·19	4·40	0·05	2·71	4·87	2·28	5·30	1·72	34·57
1899 ..	8·72	7·73	6·06	6·57	5·14	7·01	2·92	2·53	3·24	3·84	0·71	11·53	66·00
1900 ..	1·45	6·11	3·95	0·25	4·81	0·97	3·16	2·15	4·74	1·00	1·64	1·45	31·68
1901 ..	4·62	10·82	19·86	5·51	7·04	3·57	4·07	4·90	1·35	5·77	1·64	2·91	72·06
1902 ..	1·95	2·51	4·81	3·06	0·05	0·38	0·91	1·01	0·75	1·92	2·01	2·02	21·38
1903 ..	3·27	4·44	8·82	1·81	17·25	1·37	5·37	2·53	3·66	4·69	5·90	4·86	63·97
1904 ..	6·64	2·07	6·98	18·99	6·15	0·52	1·07	0·03	0·35	1·53	2·03	6·48	52·84
1905 ..	13·40	1·01	4·32	8·84	6·63	0·76	0·26	0·85	1·05	4·60	1·13	6·57	49·42
1906 ..	8·85	15·53	7·53	0·91	5·05	4·30	0·83	3·85	5·50	3·44	4·06	5·34	65·19
1907 ..	5·04	14·01	10·55	1·89	6·36	8·70	0·98	0·99	0·36	1·46	3·07	10·53	63·94
1908 ..	9·40	11·34	17·56	6·03	3·78	0·76	2·49	1·59	1·68	1·29	5·83	4·80	66·55
1909 ..	5·63	4·92	4·46	3·26	1·20	†3·44	†4·43	3·10	0·00	1·94	†5·13	10·50	48·01
1910 ..	4·67	2·01	11·34	1·50	0·00	8·48	†0·94	†1·04	†2·05	†2·31	†6·82	†6·09	47·25
1911 ..	11·00	14·99	9·90	†2·06	†0·31	†0·00	†2·23	0·95	0·11	†3·68	1·99	1·62	48·84
1912 ..	17·49	10·57	3·26	17·45	7·22	4·76	4·53	0·08	3·86	0·00	0·71	4·21	74·14
1913 ..	8·99	15·51	14·53	2·69	9·36	9·46	1·37	2·42	1·46	5·70	5·55	6·59	83·63
1914 ..	6·76	12·32	0·32	0·91	3·66	0·31	1·20	1·38	1·74	0·96	4·40	3·82	37·78
1915 ..	6·05	3·18	8·11	5·38	2·67	2·57	3·53	4·30	5·78	6·60	5·28	7·42	60·87
1916 ..	5·35	3·54	5·87	3·67	3·38	0·17	0·70	2·89	5·23	1·05	13·82	6·00	51·67
1917 ..	14·47	10·51	9·10	4·30	5·95	0·17	0·28	3·32	4·49	0·17	3·57	3·05	59·38
1918 ..	0·57	3·03	1·08	8·19	9·57	2·03	1·08	1·14	0·07	1·40	0·23	1·04	29·43
1919 ..	20·04	4·06	4·45	6·38	3·38	3·94	2·30	1·53	3·23	8·71	6·38	4·35	68·75
1920 ..	10·55	2·92	12·54	10·76	2·30	5·88	7·17	1·53	3·79	0·35	3·64	12·94	74·37
1921 ..	5·51	23·87	1·84	2·17	6·73	2·71	2·74	0·33	2·13	1·62	2·01	7·65	59·31
1922 ..	3·68	5·04	3·18	15·59	0·81	3·55	4·60	1·50	1·44	3·71	3·93	10·34	57·37
1923 ..	2·17	15·03	6·91	3·32	5·59	1·55	8·97	1·44	1·78	4·44	2·76	7·15	61·11
1924 ..	15·91	11·26	16·15	3·33	5·98	12·33	0·43	2·42	0·89	1·42	3·73	6·23	80·08
1925 ..	7·03	1·91	4·04	4·25	5·58	5·49	0·81	0·15	7·24	1·52	0·20	20·51	58·73
1926 ..	28·39	5·53	17·94	5·04	0·19	2·97	0·34	0·34	4·53	6·05	6·45	12·23	90·00
1927 ..	9·34	28·01	4·49	18·35	2·66	4·00	1·37	1·12	0·37	0·87	1·89	2·58	75·05
1928 ..	13·30	12·59	6·52	16·35	0·46	5·45	0·44	1·25	0·74	2·91	2·14	3·94	66·09
1929 ..	17·54	9·10	6·16	3·37	9·49	18·89	1·68	2·54	2·00	2·13	3·62	3·30	79·82
1930 ..	9·18	25·63	15·86	3·07	3·18	1·78	1·64	3·29	2·10	1·61	5·84	7·58	80·76
1931 ..	0·43	3·58	2·32	8·04	3·23	2·95	0·43	0·56	3·97	3·76	2·01	5·35	36·63
1932 ..	6·77	3·18	2·04	8·29	0·73	2·68	4·00	1·21	4·12	6·29	10·82	14·46	64·59
1933 ..	3·71	20·80	5·44	12·79	5·37	1·74	3·85	1·39	0·90	3·14	8·24	6·10	73·47
1934 ..	7·14	8·22	6·24	5·14	2·72	0·05	4·20	3·18	5·41	4·22	0·52	9·20	56·24
1935 ..	5·69	5·08	15·74	1·11	3·13	4·07	1·85	0·09	0·86	1·33	2·39	2·16	43·50
1936 ..	1·38	7·10	18·14	2·07	1·52	1·82	2·67	2·56	0·55	3·26	8·89	3·05	53·01
Average for 45 years	9·39	10·71	9·24	5·77	4·14	3·98	2·47	1·85	2·45	3·09	4·07	6·44	63·60

† Estimated from adjacent stations.

CROHAMHURST. *Moreton* (40).

Height above M.S.L., 1,400 feet.

1892 ..	..	..	..	..	..	..	..	..	*1·89	*7·54	*5·33	*7·90	..
1893 ..	23·29	107·60	19·32	6·20	3·65	18·16	5·09	7·05	0·77	3·78	2·94	3·81	201·66
1894 ..	22·31	4·41	26·11	13·00	1·97	3·91	0·08	1·61	4·12	4·81	4·12	9·01	95·46
1895 ..	33·05	4·49	6·60	7·32	2·98	0·26	0·53	0·70	2·77	1·10	3·95	9·25	73·00
1896 ..	9·80	37·62	5·76	2·15	1·89	0·92	3·17	0·45	0·83	1·32	17·55	7·12	88·58
1897 ..	8·37	6·81	7·28	0·36	1·18	6·02	8·68	1·55	2·77	4·93	4·09	17·63	69·67
1898 ..	54·45	21·24	50·76	4·26	7·78	4·37	0·39	4·05	2·88	4·03	4·48	2·24	160·93
1899 ..	7·85	7·14	3·80	6·40	4·26	4·90	4·14	3·35	4·17	1·97	2·01	10·41	60·40
1900 ..	3·39	5·09	7·16	1·80	7·84	1·59	4·54	1·00	2·47	0·35	1·71	2·12	38·97
1901 ..	5·28	13·55	20·20	5·45	6·94	4·40	6·21	4·78	1·31	3·54	3·76	2·27	77·09
1902 ..	2·30	5·33	1·92	1·47	0·33	0·25	1·61	1·09	1·21	3·11	3·25	2·84	24·71
1903 ..	5·97	5·85	10·01	2·34	24·07	1·79	6·46	4·27	4·82	4·94	8·37	3·01	81·90
1904 ..	7·53	3·29	13·50	17·20	9·93	0·26	2·50	0·99	1·39	3·07	3·11	6·56	69·33
1905 ..	12·09	5·77	5·28	7·91	4·78	1·35	0·14	1·16	0·87	5·49	1·54	8·47	55·45
1906 ..	8·42	15·30	9·83	1·23	7·36	3·16	0·54	5·51	5·84	7·12	4·13	5·05	73·49
1907 ..	4·91	18·33	9·91	1·99	6·13	7·43	1·00	0·57	0·23	0·98	4·70	6·59	62·77
1908 ..	10·28	18·32	23·95	6·11	3·39	0·65	2·86	2·06	1·11	3·18	8·36	3·59	83·86
1909 ..	5·64	4·74	4·48	6·09	0·72	4·96	3·38	3·46	2·51	3·18	2·53	25·77	67·46
1910 ..	11·41	3·94	19·19	3·72	2·19	14·04	0·63	0·69	2·07	3·95	3·42	6·20	71·45
1911 ..	28·59	19·45	16·68	2·94	1·21	0·13	3·59	2·62	0·39	6·39	1·74	3·02	86·75
1912 ..	5·62	8·71	13·74	1·77	1·39	9·52	2·14	1·32	0·22	6·66	4·21	3·36	58·66
1913 ..	21·73	8·77	3·91	14·73	8·13	4·22	7·12	0·06	3·98	0·33	0·31	4·45	77·74
1914 ..	6·71	22·05	16·92	0·53	6·32	8·81	2·61	2·07	2·26	6·42	3·16	5·77	83·63
1915 ..	5·78	19·35	0·25	1·30	3·78	0·78	2·16	1·86	4·93	0·21	4·21	2·52	47·13
1916 ..	3·71	1·78	3·06	16·63	2·20	3·06	3·23	5·19	5·18	6·04	6·38	12·33	68·79
1917 ..	10·32	6·97	8·71	2·63	2·47	0·58	0·57	3·61	5·81	1·67	12·31	7·38	63·03
1918 ..	20·20	7·88	10·79	5·64	5·09	0·27	0·32	3·81	3·45	0·80	0·97	3·02	62·24
1919 ..	0·43	3·10	11·25	7·13	11·41	2·40	1·35	0·82	0·33	0·71	0·58	0·45	39·96
1920 ..	21·11	3·85	4·15	6·33	5·18	3·83	2·60	1·39	3·71	8·14	5·54	3·09	68·92
1921 ..	12·41	3·82	14·04	14·66	3·91	11·05	7·85	1·45	5·28	1·93	2·76

CROHAMHURST. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1923 ..	4·56	3·47	6·18	14·39	0·89	2·89	4·57	1·35	1·45	0·93	3·85	9·09	53·62
1924 ..	7·13	7·69	8·51	3·22	4·29	3·30	9·17	1·86	2·12	6·34	4·21	4·20	62·04
1925 ..	11·86	7·63	18·44	2·42	7·61	15·09	0·50	5·54	0·59	1·38	7·47	5·48	84·01
1926 ..	9·15	0·26	4·87	6·17	5·37	6·56	1·00	0·14	6·22	0·56	0·25	26·19	66·74
1927 ..	34·77	4·25	22·78	5·27	0·12	4·05	0·47	0·15	6·14	5·74	7·23	13·51	104·48
1928 ..	10·59	38·01	3·25	27·04	4·12	2·77	1·46	1·07	0·25	1·53	0·91	4·24	95·24
1929 ..	12·37	6·45	7·36	16·66	0·89	4·66	0·32	1·25	0·35	5·09	3·44	8·91	67·75
1930 ..	22·91	9·28	7·25	3·42	15·58	21·36	3·33	2·96	0·21	1·86	2·89	2·19	93·24
1931 ..	14·76	32·17	18·43	3·03	4·34	1·19	1·64	2·95	1·81	1·61	8·77	7·71	98·41
1932 ..	0·90	3·33	3·06	10·91	2·38	1·71	0·61	0·97	4·02	2·45	4·64	1·82	36·80
1933 ..	7·09	4·08	2·00	12·61	0·40	2·00	6·39	1·40	8·10	5·99	11·89	16·24	78·19
1934 ..	9·21	18·11	4·79	15·90	5·89	1·60	6·16	1·20	1·04	2·22	7·97	6·18	80·27
1935 ..	7·45	16·03	4·42	4·82	2·87	0·45	5·10	4·96	3·81	4·92	1·76	8·29	64·88
1936 ..	6·01	2·09	18·80	2·64	4·42	4·56	1·80	0·10	1·08	1·53	2·60	2·27	47·90
1937 ..	2·11	9·37	14·17	2·46	0·54	1·74	1·42	2·94	0·23	5·06	11.24	6·00	57·28
Average for 45 years	12·04	12·81	11·00	6·71	4·70	4·42	2·95	2·19	2·63	3·30	4·65	7·18	74·58

DOUBLE ISLAND POINT. *Moreton* (40).

Height above M.S.L., 254 feet.

1891 ..	..	..	..	..	*7·20	*6·86	*1·68	*2·63	*2·59	*1·21	*2·31	*6·82	..	
1892 ..	3·78	3·67	16·51	4·23	5·09	1·70	4·30	0·02	2·37	7·98	4·20	6·58	60·43	
1893 ..	12·92	32·36	9·76	5·00	3·13	6·57	5·03	4·67	0·67	2·25	6·92	3·10	92·38	
1894 ..	13·57	1·08	19·67	4·72	6·63	6·10	0·11	2·64	6·26	3·40	1·35	5·90	71·43	
1895 ..	19·96	0·95	5·88	6·00	2·50	2·27	2·65	0·84	1·42	0·67	2·84	8·38	54·36	
1896 ..	7·66	19·37	2·50	0·82	7·11	1·92	1·37	2·28	2·41	0·12	5·73	2·99	54·28	
1897 ..	2·08	7·40	1·89	1·37	1·99	4·11	5·19	2·39	4·37	4·62	0·95	11·95	48·31	
1898 ..	8·05	11·22	15·02	3·45	5·13	3·71	1·43	2·34	6·80	1·04	1·68	3·37	63·24	
1899 ..	4·15	10·52	4·66	7·73	6·17	5·89	4·67	2·67	1·49	1·69	0·12	5·84	55·60	
1900 ..	3·17	1·12	8·15	2·52	8·14	2·15	5·42	1·73	3·44	1·04	3·31	1·66	41·85	
1901 ..	2·44	6·69	9·35	5·78	9·46	6·84	9·46	3·67	1·33	1·80	1·93	0·44	59·19	
1902 ..	3·05	0·53	3·48	3·02	1·62	1·55	1·07	1·14	1·07	0·52	1·51	2·58	21·14	
1903 ..	2·37	1·31	5·53	2·53	17·29	0·85	6·02	3·72	1·04	4·47	9·17	4·87	59·17	
1904 ..	1·55	0·20	7·71	8·35	4·15	1·54	1·67	1·36	1·51	1·35	0·59	4·46	34·44	
1905 ..	11·16	1·89	1·75	2·94	10·66	1·83	0·63	0·66	0·89	2·14	1·26	6·06	41·87	
1906 ..	6·72	3·24	3·86	1·34	5·11	6·80	0·21	3·41	4·72	1·59	2·75	5·00	44·75	
1907 ..	3·06	9·57	10·04	3·52	3·64	6·99	1·14	0·69	0·00	1·81	3·98	5·58	50·02	
1908 ..	4·41	15·88	8·46	5·46	3·46	2·17	3·37	3·00	1·10	2·10	2·12	1·25	52·78	
1909 ..	5·26	3·54	2·33	5·24	1·24	5·05	4·80	5·24	1·37	1·04	6·97	7·19	49·27	
1910 ..	1·81	5·58	4·77	2·88	0·86	6·07	0·91	1·64	1·61	1·47	5·12	3·24	35·96	
1911 ..	9·00	4·17	13·65	3·44	1·84	1·68	0·90	2·15	0·36	5·91	1·49	2·03	46·62	
1912 ..	2·46	3·97	10·73	3·10	6·78	9·09	3·09	2·65	0·03	3·62	4·17	3·30	52·99	
1913 ..	19·22	4·34	2·40	8·15	8·07	7·90	6·05	0·00	1·59	0·83	1·20	3·87	63·62	
1914 ..	3·60	10·93	8·33	3·08	11·76	11·94	4·46	3·94	1·53	4·63	1·96	3·39	69·55	
1915 ..	4·52	4·33	1·37	0·61	1·82	2·02	2·46	0·69	2·40	0·78	0·70	3·32	25·02	
1916 ..	2·35	5·07	9·09	7·76	5·47	2·54	3·52	2·15	5·21	5·07	4·22	4·70	57·15	
1917 ..	7·55	8·88	2·88	8·91	5·29	1·49	0·36	5·34	2·66	2·50	4·59	5·32	55·77	
1918 ..	11·46	4·85	8·36	4·62	4·70	1·67	2·78	2·06	2·86	0·07	5·51	1·53	50·47	
1919 ..	0·46	4·06	5·56	7·07	6·11	0·83	2·76	1·43	0·00	3·88	0·11	0·47	32·74	
1920 ..	15·70	1·07	8·53	3·67	6·86	2·22	4·62	6·30	3·65	6·15	4·04	5·96	68·77	
1921 ..	9·62	2·51	6·19	12·85	4·56	8·80	6·54	3·50	2·84	1·17	3·48	19·18	81·24	
1922 ..	3·53	7·13	1·73	2·73	6·17	6·88	2·72	0·39	0·80	2·08	0·90	5·84	40·90	
1923 ..	7·03	1·26	2·18	21·66	0·61	3·67	3·52	2·35	1·57	0·89	2·00	2·98	49·72	
1924 ..	2·31	6·59	7·38	4·11	6·38	6·67	9·38	3·42	4·21	3·96	3·62	4·97	63·00	
1925 ..	13·19	5·32	15·83	2·39	15·16	10·99	0·48	3·47	1·06	0·43	1·31	5·57	75·20	
1926 ..	6·38	0·64	4·39	3·02	7·14	3·35	0·61	1·21	4·66	0·89	0·01	17·88	50·18	
1927 ..	25·10	6·67	10·57	9·79	1·20	6·87	1·13	0·79	3·46	3·75	3·57	8·14	81·04	
1928 ..	3·77	17·60	3·37	14·01	4·63	7·70	1·16	1·38	0·35	1·82	0·98	3·53	60·30	
1929 ..	3·76	6·21	4·07	7·99	2·24	3·14	0·36	1·98	0·84	1·93	1·29	1·41	35·22	
1930 ..	12·31	11·86	6·36	9·50	11·53	13·22	3·69	2·70	2·22	1·06	2·18	2·65	79·28	
1931 ..	4·66	18·42	11·07	3·26	7·95	4·64	2·91	3·69	1·26	1·82	5·06	14·07	78·81	
1932 ..	0·46	1·53	1·41	4·06	4·82	7·30	1·12	2·59	3·73	5·41	1·61	5·18	39·22	
1933 ..	5·10	4·81	3·41	9·64	1·83	2·23	5·71	3·61	4·27	6·47	7·59	7·87	62·54	
1934 ..	2·20	10·95	3·91	12·47	4·38	2·19	3·55	5·53	2·82	3·19	6·85	14·10	71·14	
1935 ..	6·06	4·29	5·96	11·44	5·81	1·01	2·96	2·26	3·14	2·16	0·92	5·60	51·61	
1936 ..	5·81	1·42	6·60	2·33	5·91	5·81	3·04	1·19	2·66	0·99	2·52	2·66	40·94	
1937 ..	3·18	7·17	18·72	3·27	0·80	5·89	4·73	2·84	0·59	2·21	13·88	3·60	66·88	
Average for 46 years	6·70	6·57	7·07	5·69	5·50	4·69	3·13	2·45	2·28	2·50	3·22	5·43	55·23	

DUNWICH. *Moreton* (40).

Height above M.S.L., — feet.

1893 ..	18·78	49·76	10·72	2·24	4·06	11·36	4·85	3·18	1·22	1·84	2·50	1·29	111·80
1894 ..	11·83	2·48	18·43	3·93	3·34	1·31	0·00	1·67	4·46	1·49	3·82	8·55	61·31
1895 ..	26·62	4·92	6·01	3·79	6·90	0·96	1·11	0·13	3·18	1·86	3·48	6·94	65·90
1896 ..	4·33	13·54	4·00	1·18	2·41	2·81	4·15	0·62	2·07	0·58	13·05	2·96	51·70
1897 ..	3·35	2·64	6·51	0·85	3·11	5·05	5·39	1·78	3·09	6·36	3·25	16·49	57·87
1898 ..	28·53	14·10	28·20	3·29	6·14	5·80	0·92	3·53	2·24	2·74	5·00	4·75	105·24
1899 ..	3·21	5·49	1·79	6·61	5·74	4·61	6·95	3·92	6·68	1·88	2·86	8·49	58·23
1900 ..	5·40	2·98	5·96	1·17	9·25	4·10	7·81	2·08	1·60	1·40	3·04	2·59	47·38
1901 ..	3·13	8·55	8·44	3·65	8·15	6·14	5·62	5·17	0·49	4·54	0·65	0·23	54·76
1902 ..	2·58	4·09	2·01	1·61	0·38	0·77	2·74	1·53	0·89	1·68	5·08	2·54	25·90
1903 ..	2·73	6·92	6·61	2·13	16·62	1·80	8·90	3·88	3·93	4·87	5·00	1·65	65·04
1904 ..	2·56	0·56	11·61	21·19	12·32	1·01	1·39	1·68	2·43	1·56	2·16	3·91	62·38
1905 ..	7·41	4·00	4·60	7·97	9·83	1·66	0·10	0·41	0·72	3·76	6·70	7·46	54·62
1906 ..	6·87	14·97	11·74	3·70	5·21	3·72	0·51	3·75	4·06	4·18	0·78	7·34	66·83
1907 ..	13·02	8·36	9·36	2·00	8·65	8·19	1·49	1·36	0·00	1·74	3·43	3·34	60·94
1908 ..	11·75	9·54	17·32	4·62	9·89	1·12	2·69	6·93	1·15	3·00	3·19	1·91	73·11
1909 ..	3·01	3·28	2·67	9·48	1·09	5·38	3·73	4·74	1·41	1·94	3·13	6·77	46·63
1910 ..	13·64	6·48	11·85	3·41	3·81	11·27	0·31	1·68	5·67	2·97	4·64	12·91	78·64

Continued in next column.

DUNWICH. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1911 ..	17·52	7·04	8·08	7·72	0·82	1·37	4·21	4·13	0·15	7·45	1·04	0·68	60·21
1912 ..	2·64	3·66	12·93	2·66	3·66	8·76	5·43	1·29	0·51	6·09	4·43	4·55	56·61
1913 ..	9·57	6·37	3·66	13·43	8·14	6·08	5·41	0·00	3·73	0·76	1·96	3·48	62·59
1914 ..	3·73	7·29	11·95	0·63	7·80	15·98	8·25	1·99	2·67	4·48	1·39	4·06	70·22
1915 ..	4·70	12·35	0·12	2·13	5·88	2·25	2·88	3·08	1·65	0·10	1·21	1·26	37·61
1916 ..	2·86	11·97	2·05	12·92	2·86	3·11	2·55	2·97	4·70	6·10	7·86	9·81	69·76
1917 ..	9·39	3·78	8·10	3·77	6·33	0·30	0·52	1·71	6·21	1·97	13·15	11·94	67·17
1918 ..	16·66	3·07	5·62	5·98	4·64	1·45	1·28	4·54	3·81	0·98	1·81	1·29	51·13
1919 ..	0·81	3·25	11·51	16·64	10·98	3·45	2·73	1·53	0·03	1·78	0·40	2·41	55·52
1920 ..	23·36	3·72	2·73	6·27	12·66	4·13	9·75	2·25	4·05	2·02	6·64	3·62	81·20
1921 ..	9·00	2·44	11·97	11·79	6·11	12·43	9·64	3·06	6·45	2·03	2·83	11·51	89·26
1922 ..	2·80	18·58	1·90	0·55	9·12	4·22	7·12	0·11	3·56	1·78	1·70	5·23	56·67
1923 ..	4·58	1·84	4·18	21·69	0·30	3·68	5·77	6·65	2·11	0·46	2·70	3·46	57·42
1924 ..	2·77	4·77	5·61	3·26	10·33	14·95	10·62	1·30	3·36	1·86	10·53	3·54	72·90
1925 ..	10·62	3·25	20·15	4·04	31·89	16·86	1·09	6·94	0·55	0·73	12·54	7·87	116·53
1926 ..	6·69	0·15	2·19	4·91	5·60	9·02	2·20	0·48	5·84	1·62	1·63	10·12	50·45
1927 ..	25·10	6·82	8·45	7·70	0·00	7·07	0·59	0·25	2·02	9·69	8·47	12·10	88·26
1928 ..	8·39	25·86	4·02	20·98	4·04	3·40	1·56	2·46	0·74	0·99	1·34	5·22	79·00
1929 ..	3·77	10·22	16·91	9·44	6·44	6·92	0·72	1·94	1·15	3·62	1·95	2·87	65·95
1930 ..	10·37	6·34	10·26	7·62	14·06	12·37	1·53	2·99	1·19	2·94	1·52	4·46	75·65
1931 ..	7·51	29·23	11·64	11·88	6·14	1·21	2·07	3·06	0·75	3·93	5·65	11·48	94·55
1932 ..	0·21	2·80	2·46	9·71	3·40	4·05	3·33	0·48	5·88	3·86	2·01	2·50	40·69
1933 ..	11·19	2·94	3·64	11·77	1·01	5·26	5·54	1·69	5·88	4·46	5·56	6·94	65·88
1934 ..	4·34	11·85	3·12	13·25	11·62	1·53	9·05	3·13	1·22	2·31	8·20	10·09	79·71
1935 ..	7·56	7·96	6·02	2·45	5·70	0·00	4·75	3·41	4·53	8·75	0·50	4·11	55·74
1936 ..	9·79	2·53	6·30	0·97	3·06	3·36	3·82	0·00	1·80	1·15	1·73	3·22	37·73
1937 ..	2·69	8·30	10·51	1·05	1·09	5·82	7·46	5·53	0·37	4·60	14·33	7·14	68·89
Average for 45 years	8·61	8·24	8·09	6·62	6·68	5·25	3·97	2·55	2·67	3·00	4·33	5·67	65·68

ESK. *Moreton* (40).

Height above M.S.L., 366 feet at Railway Station.

1886 ..	..	..	..	..	..	..	..	..	..	..	..	*0·78	..	
1887 ..	17·88	4·88	9·36	2·78	0·58	0·13	4·48	6·77	2·06	0·92	1·86	3·69	55·39	
1888 ..	3·17	12·76	0·55	0·55	1·08	0·06	0·00	0·55	0·85	0·60	3·32	5·22	28·71	
1889 ..	1·00	3·11	3·60	2·79	4·21	0·63	9·89	1·66	3·29	0·35	4·06	2·42	37·01	
1890 ..	9·76	5·66	15·19	2·79	2·63	0·92	0·39	0·00	2·83	1·40	3·39	4·61	49·57	
1891 ..	5·67	0·51	3·13	1·37	2·13	5·78	1·90	2·52	1·83	5·16	0·74	6·33	37·07	
1892 ..	4·01	2·79	11·57	11·33	3·18	2·44	1·46	0·77	2·39	6·69	1·51	4·72	52·86	
1893 ..	7·87	40·80	4·75	5·87	1·81	6·63	3·45	3·17	1·06	1·98	4·93	2·94	85·26	
1894 ..	10·01	2·59	8·57	5·58	1·19	2·37	0·00	0·98	2·69	3·28	2·19	4·57	44·02	
1895 ..	11·41	0·53	0·55	1·95	0·93	0·00	0·65	0·36	1·81	1·66	5·41	8·40	33·66	
1896 ..	3·52	18·74	1·93	0·91	1·48	1·11	4·34	0·23	2·65	0·02	6·63	5·12	46·68	
1897 ..	2·78	4·09	3·97	0·00	0·09	1·73	5·56	3·08	1·98	5·46	1·45	10·23	40·42	
1898 ..	13·53	5·10	6·84	0·65	2·71	2·04	1·22	1·47	2·23	1·75	3·55	2·43	43·52	
1899 ..	4·62	1·57	0·94	4·11	1·89	2·40	2·59	1·69	2·79	2·67	2·25	5·34	32·86	
1900 ..	1·42	2·34	4·73	1·50	4·78	1·89	2·85	1·39	3·00	0·00	1·35	1·80	27·05	
1901 ..	3·99	3·15	8·36	4·11	1·78	2·45	3·01	3·03	1·72	4·87	1·08	2·20	39·75	
1902 ..	1·81	1·06	0·75	1·25	0·00	0·04	0·25	0·15	0·64	0·93	4·00	7·67	18·55	
1903 ..	1·32	3·51	4·46	1·25	9·27	0·30	2·97	4·21	4·86	3·69	4·02	1·43	41·29	
1904 ..	2·37	1·86	3·18	4·91	3·99	0·20	2·43	0·33	3·10	2·90	2·90	3·07	31·24	
1905 ..	8·26	0·85	2·22	3·52	1·68	0·33	0·52	0·57	0·65	3·21	3·65	5·98	31·44	
1906 ..	5·49	7·19	9·04	1·74	3·25	0·77	0·38	4·51	4·14	2·90	2·45	5·26	47·12	
1907 ..	2·87	6·79	3·60	0·22	5·42	2·84	0·54	0·81	0·57	0·50	3·76	3·72	31·64	
1908 ..	2·61	10·71	17·04	2·87	1·07	0·23	0·49	2·72	2·16	1·29	4·98	3·62	49·79	
1909 ..	2·64	3·21	2·37	5·03	0·29	2·43	2·74	3·31	2·60	2·68	2·58	9·20	39·08	
1910 ..	8·60	1·94	6·09	1·18	0·27	4·74	0·58	0·23	4·65	3·41	3·84	6·53	42·06	
1911 ..	11·90	6·04	3·54	0·99	1·90	0·00	0·88	1·51	2·04	4·17	0·47	0·44	33·88	
1912 ..	1·38	8·32	7·78	0·36	0·11	7·43	2·14	1·13	0·52	2·67	3·90	3·88	39·62	
1913 ..	4·19	1·96	1·26	2·03	4·06	4·73	1·25	0·00	3·07	0·95	1·28	3·67	28·45	
1914 ..	2·84	4·46	3·83	1·85	2·71	4·12	0·88	0·24	0·96	3·66	0·77	3·92	30·24	
1915 ..	5·43	7·44	0·38	1·91	0·82	0·65	1·12	1·99	2·36	0·50	3·62	1·85	28·07	
1916 ..	1·54	6·15	3·27	6·91	0·91	2·36	2·12	1·53	2·85	3·06	5·43	2·93	39·06	
1917 ..	7·01	3·89	4·02	1·73	0·25	0·27	0·63	0·80	7·16	2·86	7·54	6·17	42·33	
1918 ..	7·62	2·18	1·82	1·38	0·53	0·42	0·15	2·27	0·73	0·92	2·92	1·54	22·48	
1919 ..	2·21	0·53	6·29	1·66	5·42	0·86	0·14	0·79	0·23	1·15	1·09	2·01	22·38	
1920 ..	11·69	0·79	2·31	2·25	2·41	2·35	3·76	1·54	3·25	5·86	5·10	1·66	42·97	
1921 ..	3·96	0·42	5·44	4·85	0·92	6·29	4·24	0·54	1·66	1·08	1·53	11·85	42·78	
1922 ..	2·88	6·19	0·98	0·07	0·31	1·24	2·89	0·52	2·20	4·78	3·27	6·22	31·55	
1923 ..	1·95	0·15	5·85	2·43	0·44	2·53	1·14	0·41	0·85	1·00	2·26	6·30	25·31	
1924 ..	3·92	7·00	4·78	1·94	0·61	3·14	4·96	1·91	2·35	2·76	3·98	2·39	39·74	
1925 ..	8·64	3·84	7·42	0·77	3·12	3·83	1·07	3·15	0·27	0·39	5·45	4·19	42·14	
1926 ..	7·24	0·76	2·56	3·65	0·80	3·66	0·60	0·93	3·13	0·42	1·29	8·75	33·79	
1927 ..	14·99	5·17	7·08	3·01	0·02	3·57	0·80	0·30	1·60	6·68	6·87	7·96	58·05	
1928 ..	4·53	13·99	2·63	16·69	2·19	2·79	1·50	0·70	0·82	1·79	1·68	9·64	58·95	
1929 ..	10·74	7·91	9·53	8·27	0·14	3·05	1·19	1·43	0·45	4·05	2·32	4·18	53·26	
1930 ..	7·71	6·57	2·87	2·11	5·27	9·95	2·43	1·65	1·58	4·12	2·13	3·06	49·45	
1931 ..	4·06	13·32	4·80	1·41	1·36	0·38	1·51	0·66	1·10	1·17	4·24	4·09	38·10	
1932 ..	0·46	2·49	0·59	6·19	0·77	1·23	0·44	0·00	2·27	4·74	3·75	2·49	25·42	
1933 ..	5·96	3·93	0·04	4·98	0·21	0·67	3·14	0·96	2·13	1·77	7·44	5·56	36·79	
1934 ..	4·83	8·96	0·78	3·91	2·10	0·89	3·15	1·56	0·94	1·76	4·05	6·71	39·64	
1935 ..	6·18	3·91	1·88	2·22	1·33	0·05	2·44	0·82	4·18	3·61	1·61	4·60	32·83	
1936 ..	6·44	2·05	4·28	0·31	0·71	2·02	1·56	0·16	1·09	0·22	2·27	3·43	24·54	
1937 ..	1·17	2·15	9·38	1·31	1·73	1·16	0·65	1·09	0·35	10·13	3·63	3·05	35·80	
Average for 51 years	5·65	5·42	4·67	3·01	1·90	2·20	1·95	1·43	2·09	2·64	3·25	4·69	38·90	

* Incomplete, not used in determining Averages.

GOOMERI. *Moreton* (40).

Height above M.S.L., 807 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1913 ..	7·42	3·92	1·48	1·50	4·42	3·72	1·14	0·66	3·50	0·36	0·96	4·77	33·85
1914 ..	2·00	2·61	4·31	0·80	1·24	3·67	1·76	0·28	0·17	3·89	0·90	4·96	26·59
1915 ..	2·29	5·16	0·02	1·36	1·23	0·71	0·86	1·94	2·46	1·03	3·11	4·97	25·14
1916 ..	1·49	3·70	2·35	2·80	0·94	2·62	3·05	2·00	1·30	5·26	6·01	2·44	33·96
1917 ..	4·45	3·11	2·10	0·54	0·75	0·07	0·92	0·75	5·99	1·12	8·64	5·92	34·36
1918 ..	9·84	3·72	1·99	1·92	0·76	0·39	0·37	1·20	0·87	0·40	2·36	5·40	29·22
1919 ..	3·72	5·25	4·24	1·12	2·32	0·54	0·12	0·72	0·00	1·46	0·07	0·35	19·91
1920 ..	7·67	0·97	1·91	1·07	1·55	2·76	1·90	3·23	2·07	6·09	3·32	3·92	36·46
1921 ..	4·51	2·24	4·62	3·24	2·08	7·87	2·79	0·95	0·92	2·78	2·13	10·34	44·47
1922 ..	1·33	5·63	2·23	0·00	0·16	1·29	2·60	0·70	0·80	0·22	2·21	4·85	22·02
1923 ..	3·40	0·79	2·27	2·57	0·00	3·71	1·27	0·21	0·64	1·14	3·04	9·06	28·10
1924 ..	2·00	8·09	5·00	0·76	0·33	1·32	2·38	1·25	2·71	8·82	4·62	3·13	40·41
1925 ..	6·61	3·86	1·81	0·00	2·56	3·65	0·91	2·37	1·04	0·10	3·08	6·37	32·36
1926 ..	2·30	0·12	0·50	1·44	0·79	2·32	0·22	0·05	3·80	0·57	0·45	9·47	22·03
1927 ..	7·83	4·46	8·45	2·78	0·14	2·22	0·82	0·37	0·80	5·18	4·03	5·92	43·00
1928 ..	9·52	12·25	1·72	4·53	0·95	2·71	0·66	0·00	0·09	0·94	1·88	3·92	39·17
1929 ..	13·47	2·03	1·32	5·79	0·00	1·06	0·46	1·09	0·00	3·35	2·45	2·65	33·67
1930 ..	9·26	3·59	1·15	1·23	3·87	4·86	1·45	2·65	0·61	2·51	2·63	1·65	35·46
1931 ..	2·98	4·97	6·63	1·87	3·29	0·23	1·07	0·66	2·20	0·18	4·01	4·13	32·22
1932 ..	0·25	1·45	0·13	8·87	0·69	0·68	0·49	0·79	2·47	3·26	2·16	2·93	24·17
1933 ..	7·44	2·24	0·00	1·53	0·42	1·11	2·99	1·32	3·81	4·47	6·41	4·23	35·97
1934 ..	2·62	9·00	0·00	4·15	2·08	1·71	3·55	0·83	0·85	2·00	7·80	7·31	41·90
1935 ..	4·15	5·27	0·58	1·68	1·62	0·00	0·90	0·61	2·39	1·53	0·15	5·32	24·20
1936 ..	5·42	0·53	3·47	0·27	1·67	2·48	0·63	0·00	0·41	1·00	4·29	4·49	24·66
1937 ..	1·21	2·30	8·96	2·04	0·45	0·83	0·77	1·66	0·37	4·78	3·51	4·23	31·11
Average for 25 years	4·93	3·89	2·69	2·16	1·37	2·10	1·36	1·05	1·61	2·50	3·21	4·91	31·78

GUNDIAH. *Moreton* (40).

Height above M.S.L., 102 feet at Railway Station.

1899 ..	..	..	..	..	..	..	*2·45	*2·56	*1·66	*2·65	*1·19	*6·89	..
1900 ..	3·28	0·47	1·58	0·85	3·23	1·13	3·53	1·36	5·67	0·61	1·03	0·62	23·36
1901 ..	2·04	4·21	13·40	3·86	2·47	2·64	2·67	5·32	0·90	2·06	1·07	0·65	41·29
1902 ..	1·25	1·60	1·95	1·64	0·42	0·02	0·36	0·37	0·95	1·44	1·19	5·79	16·98
1903 ..	1·79	2·84	3·43	0·75	10·29	0·50	3·42	1·94	1·70	2·74	3·00	2·67	35·07
1904 ..	3·93	0·49	4·08	9·25	3·15	0·60	0·60	0·28	0·37	1·81	1·02	2·38	27·96
1905 ..	13·69	2·60	2·90	4·62	1·79	1·08	0·31	0·33	1·33	4·26	0·42	4·15	37·48
1906 ..	4·67	8·75	4·64	1·11	7·33	1·99	0·19	2·45	7·66	5·14	3·08	4·54	51·55
1907 ..	4·20	8·31	8·42	0·62	4·48	4·78	0·78	0·61	0·06	1·75	1·99	5·22	41·22
1908 ..	5·10	14·17	8·25	2·63	2·27	0·72	0·98	2·61	1·64	1·83	1·84	3·29	45·33
1909 ..	8·32	3·46	3·91	3·97	0·71	3·03	5·23	2·42	0·80	2·13	3·64	10·32	47·94
1910 ..	4·86	2·91	6·19	1·34	0·00	7·79	0·61	0·95	0·69	1·37	4·45	3·22	34·29
1911 ..	12·80	9·84	4·34	2·01	0·00	0·03	1·19	0·20	0·33	1·94	2·30	1·36	36·34
1912 ..	4·75	2·90	7·66	0·15	0·46	4·46	2·05	0·00	0·00	5·06	1·86	3·88	33·23
1913 ..	21·59	3·41	2·00	4·81	5·08	3·70	2·14	0·00	4·44	0·32	3·59	4·31	55·39
1914 ..	3·61	7·33	11·70	0·57	2·15	6·02	1·42	0·00	0·45	4·50	1·78	2·42	41·95
1915 ..	5·62	8·86	0·00	0·40	1·54	0·50	0·68	1·96	2·27	0·53	2·93	3·66	28·95
1916 ..	1·17	3·36	4·29	3·19	3·13	3·26	3·39	2·50	2·12	6·52	4·68	5·18	42·79
1917 ..	4·59	4·21	4·38	1·03	1·32	0·00	0·90	1·72	5·42	0·77	7·59	4·66	36·59
1918 ..	9·51	5·31	2·45	4·82	1·10	0·00	0·40	1·63	0·15	0·30	0·53	0·96	27·16
1919 ..	0·00	1·06	2·66	2·82	4·97	0·48	0·46	0·60	0·00	1·07	0·00	0·13	14·25
1920 ..	11·53	0·64	2·92	1·76	2·91	2·39	1·37	1·28	2·91	3·95	3·89	5·22	40·77
1921 ..	5·72	5·30	4·83	8·16	4·43	4·82	4·17	1·22	1·89	1·29	1·87	12·72	56·42
1922 ..	3·02	6·66	1·37	0·00	1·13	2·17	2·41	0·00	1·87	0·16	3·91	3·78	26·48
1923 ..	4·58	0·23	2·16	7·13	1·24	4·52	2·01	7·00	1·33	0·15	1·88	6·85	39·08
1924 ..	1·92	15·93	4·29	2·35	1·64	2·90	3·95	1·35	1·65	2·20	6·88	5·34	50·40
1925 ..	10·73	2·32	9·29	0·00	1·44	7·17	0·27	1·62	1·00	1·26	3·06	9·01	47·17
1926 ..	4·25	0·27	2·99	1·91	6·05	3·48	0·30	0·00	1·49	1·09	0·00	20·58	42·41
1927 ..	12·67	4·29	11·67	3·85	0·00	2·69	0·82	1·01	2·21	3·71	2·56	5·77	51·25
1928 ..	6·10	18·33	1·14	11·68	2·21	5·41	0·95	0·20	0·32	2·17	1·93	1·94	52·38
1929 ..	5·87	10·88	2·02	9·87	0·00	2·16	0·22	0·93	0·05	3·73	5·68	4·45	45·86
1930 ..	11·78	5·61	1·61	1·02	2·73	11·17	1·14	2·00	0·97	1·19	3·43	2·68	45·33
1931 ..	4·45	17·16	5·32	2·22	4·51	0·95	0·77	1·28	0·51	1·82	4·28	5·28	48·55
1932 ..	0·60	1·92	0·04	4·29	1·77	1·03	0·54	0·75	1·94	4·05	2·23	3·58	22·74
1933 ..	7·57	2·47	0·67	3·74	1·42	1·66	4·00	1·69	3·56	5·61	8·54	6·01	46·94
1934 ..	2·49	15·70	2·13	6·81	1·31	2·64	2·05	1·94	0·62	3·14	5·14	6·02	49·99
1935 ..	5·86	5·04	1·82	4·06	2·40	0·00	3·09	1·33	4·24	2·83	0·00	6·50	37·17
1936 ..	7·72	3·55	4·70	1·30	1·88	6·05	0·71	0·00	1·05	0·80	1·53	3·04	32·33
1937 ..	2·90	4·59	12·89	0·83	0·40	0·82	1·32	0·70	0·38	3·42	3·44	1·75	33·44
Average for 38 years	5·96	5·71	4·48	3·19	2·46	2·76	1·61	1·36	1·71	2·33	2·85	4·73	39·15

GYMPIE. *Moreton* (40).

Height above M.S.L., 309 feet at Railway Station.

1870 ..	2·54	3·78	26·64	7·46	6·87	2·60	10·73	3·26	1·63	3·06	5·22	4·75	78·54
1871 ..	7·35	2·22	3·91	0·25	0·34	0·40	0·69	0·02	1·08	2·37	2·37	2·46	23·46
1872 ..	11·61	6·20	7·58	1·10	0·70	1·62	1·80	0·54	0·71	2·53	5·07	5·01	44·47
1873 ..	5·13	4·00	9·33	1·24	0·94	11·83	0·00	2·91	0·85	0·55	4·05	4·82	45·65
1874 ..	7·27	2·48	2·82	8·79	2·03	1·99	3·68	1·20	0·30	2·46	1·50	4·23	38·75
1875 ..	2·72	23·84	13·83	3·69	5·90	0·84	5·63	0·51	1·76	7·62	4·47	0·63	71·44
1876 ..	5·16	8·89	7·45	4·62	14·11	4·54	3·25	0·75	0·00	3·10	0·41	5·21	57·49
1877 ..	8·20	4·02	3·22	0·18	2·30	0·20	0·70	1·92	0·40	2·70	5·30	5·19	34·33
1878 ..	3·38	8·79	2·31	0·52	2·62	1·60	0·05	1·40	5·59	1·92	3·28	13·29	44·75
1879 ..	11·25	6·04	5·17	5·62	4·43	4·93	8·33	17·90	8·39	3·98	4·37	7·21	87·62
1880 ..	3·48	13·16	3·41	9·15	0·90	0·33	1·13	0·00	2·15	7·96	5·46	5·26	52·39
1881 ..	5·46	2·49	2·46	2·40	2·23	0·00	0·00	0·01	3·04	1·90	2·04	0·18	22·21
1882 ..	3·40	6·98	1·93	2·27	0·33	2·98	2·30	1·00	0·38	10·02	1·18	13·98	46·75
1883 ..	7·98	5·52	3·58	0·44	5·06	0·52	0·25	1·43	0·79	2·20	0·58	1·79	30·14
1884 ..	2·68	9·84	1·77	3·97	11·09	2·65	2·10	0·76	0·63	1·85	4·43	3·16	44·93
1885 ..	3·67	7·42	2·66	1·94	1·85	4·00	0·00	0·40	0·99	1·40	1·63	3·70	29·66
1886 ..	5·30	2·50	2·03	1·64	2·51	7·24	3·16	5·56	2·97	0·88	5·32	4·92	44·03
1887 ..	9·00	15·14	15·51	4·35	0·89	0·18	4·31	5·82	2·05	2·06	2·60	3·93	65·84

Continued in next column.

GYMPIE. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1888 ..	2·33	10·41	1·41	2·35	1·28	0·96	0·12	0·75	0·73	2·32	3·00	2·50	28·16
1889 ..	0·24	0·92	5·12	7·68	5·95	0·58	5·46	2·70	3·68	0·36	6·20	9·96	48·85
1890 ..	18·39	6·76	20·90	3·21	3·59	1·46	0·63	0·38	3·33	0·43	4·64	5·53	69·25
1891 ..	6·60	1·13	6·61	1·73	2·84	7·10	1·60	2·45	3·05	2·13	3·59	5·29	44·12
1892 ..	2·40	0·54	13·97	8·33	4·03	1·98	1·47	0·11	2·88	5·29	3·11	6·39	50·50
1893 ..	10·26	36·77	6·19	2·65	2·34	10·29	4·04	4·92	0·52	2·99	4·92	2·39	88·28
1894 ..	12·35	1·98	13·26	3·97	2·09	2·14	0·00	1·21	3·74	2·80	4·67	6·24	54·45
1895 ..	23·68	3·50	1·84	3·83	0·77	0·00	1·53	0·69	2·23	2·41	3·64	9·90	54·02
1896 ..	3·47	24·95	1·50	0·73	1·53	0·46	1·50	0·59	0·51	1·20	5·27	5·94	47·65
1897 ..	3·40	4·52	3·02	0·59	0·25	2·08	5·40	1·98	3·10	3·58	1·42	6·80	36·14
1898 ..	17·35	12·87	19·69	1·79	2·78	2·39	0·19	1·76	3·84	1·00	2·11	2·26	68·03
1899 ..	5·78	2·42	2·88	4·01	2·89	3·57	2·26	1·23	2·11	2·41	0·39	6·44	36·39
1900 ..	5·59	1·84	2·76	1·05	3·63	0·82	3·34	0·84	5·67	0·18	0·84	0·47	27·03
1901 ..	2·57	3·10	18·56	3·89	3·47	2·82	3·40	3·39	1·34	1·91	1·34	1·25	47·04
1902 ..	1·49	1·65	2·33	1·09	0·23	0·00	0·36	0·94	1·38	3·80	1·40	4·32	18·99
1903 ..	2·40	3·27	5·96	1·28	10·20	0·62	1·67	2·72	2·42	5·61	4·50	4·88	45·53
1904 ..	9·27	1·80	3·32	10·86	4·11	0·60	1·11	0·47	0·84	4·08	2·55	3·94	42·95
1905 ..	9·75	2·29	2·00	7·05	4·49	0·79	0·78	0·70	1·85	2·48	1·44	5·03	38·65
1906 ..	6·07	7·38	5·58	0·45	6·88	2·26	0·52	3·19	3·97	3·03	4·12	5·32	48·77
1907 ..	3·99	6·96	8·93	1·12	3·84	3·77	0·80	0·17	0·47	1·20	3·05	5·49	39·79
1908 ..	6·26	13·24	8·08	1·87	2·01	0·38	1·16	2·87	1·61	2·49	2·58	3·97	46·52
1909 ..	5·11	3·77	3·41	2·34	1·15	2·96	4·70	2·80	1·70	2·31	3·82	16·65	50·72
1910 ..	5·92	3·48	7·77	1·13	0·22	5·57	0·83	0·32	1·54	2·90	3·16	1·97	34·81
1911 ..	9·00	5·33	6·02	1·88	0·32	0·00	0·97	0·48	0·26	2·42	0·50	2·32	29·50
1912 ..	2·92	4·47	6·62	0·37	0·49	5·08	1·81	0·92	0·00	3·76	2·28	2·49	31·21
1913 ..	18·17	4·10	1·37	6·42	4·29	5·27	3·30	0·08	5·15	0·30	0·71	3·23	52·39
1914 ..	5·15	6·84	9·25	2·20	1·96	5·78	1·36	1·31	1·46	4·94	1·68	2·57	44·50
1915 ..	4·97	8·20	0·02	0·58	2·52	0·29	1·66	1·47	3·78	0·16	5·19	7·57	36·41
1916 ..	4·04	3·19	3·87	2·80	1·75	1·86	3·46	3·88	4·03	5·59	3·80	5·31	43·58
1917 ..	4·48	2·84	4·05	1·32	1·61	0·56	1·14	1·75	3·63	0·56	9·81	6·91	38·66
1918 ..	11·17	7·28	3·22	3·17	1·91	0·02	0·39	2·15	2·95	0·99	1·36	0·69	35·30
1919 ..	0·44	2·63	5·60	3·57	5·85	0·82	0·38	0·36	0·05	2·16	0·05	0·06	21·97
1920 ..	16·67	1·85	2·32	1·96	1·79	3·12	1·97	1·52	2·82	4·81	4·56	3·07	46·46
1921 ..	6·41	2·59	6·74	6·76	1·59	5·57	5·40	1·30	3·17	2·61	3·01	11·14	56·29
1922 ..	2·88	12·00	2·01	0·30	1·69	3·19	2·64	0·40	1·83	0·50	2·46	6·30	36·20
1923 ..	5·70	1·48	2·50	7·23	0·67	3·60	2·81	0·83	1·61	0·76	3·63	5·19	36·01
1924 ..	2·07	11·10	4·79	3·03	1·01	1·99	5·80	1·29	2·39	5·11	2·19	3·95	44·72
1925 ..	11·80	3·70	11·39	1·21	3·00	7·70	0·58	1·63	0·59	1·31	5·46	10·39	58·76
1926 ..	2·07	0·69	3·45	2·65	2·57	3·61	1·05	0·00	3·72	0·40	0·29	23·01	43·51
1927 ..	14·21	3·38	17·01	4·16	0·16	2·91	0·46	1·42	2·41	4·54	4·16	9·17	63·99
1928 ..	3·50	18·20	2·13	14·17	2·14	3·88	1·39	0·49	0·24	2·25	1·38	4·01	53·78
1929 ..	9·34	10·78	4·18	9·92	0·12	2·63	0·55	1·21	0·12	3·07	2·49	3·13	47·54
1930 ..	12·11	5·64	3·06	1·06	4·42	10·69	1·54	1·93	2·00	2·31	4·49	2·45	51·70
1931 ..	5·56	14·61	9·75	1·57	3·12	0·69	0·78	0·62	1·10	1·48	5·14	8·85	53·27
1932 ..	0·26	3·27	0·77	7·25	1·36	1·08	0·43	1·24	4·00	3·09	1·74	2·67	27·16
1933 ..	6·67	3·35	0·33	3·47	0·69	1·84	3·60	1·25	4·15	5·33	9·77	9·24	49·69
1934 ..	3·24	18·83	2·38	9·07	2·18	1·44	2·64	1·42	0·42	2·66	7·73	8·11	60·12
1935 ..	3·74	8·35	2·57	4·30	2·36	0·11	2·82	1·73	4·10	3·34	0·18	6·57	40·17
1936 ..	6·74	2·00	7·83	1·14	1·71	3·65	1·17	0·01	0·07	0·92	2·25	3·76	31·25
1937 ..	1·29	6·49	16·87	0·54	0·51	1·21	0·96	2·26	0·74	4·93	6·34	4·23	46·37
Average for 68 years	6·54	6·79	6·19	3·45	2·76	2·66	2·09	1·70	2·10	2·73	3·29	5·43	45·73

HOWARD. *Morton* (40).

Height above M.S.L., 47 feet at Railway Station.

1899 ..	9·47	5·97	4·41	3·69	2·54	1·91	2·70	3·84	1·40	†1·06	0·16	5·19	42·34
1900 ..	3·71	1·01	1·55	0·28	6·27	†1·27	†5·25	†1·81	1·55	5·09	0·55	1·74	30·08
1901 ..	3·62	3·91	9·80	1·53	2·00	3·17	2·23	6·31	1·54	1·82	†0·87	†0·52	37·32
1902 ..	1·89	0·53	1·23	0·95	0·39	0·11	0·49	1·24	0·57	0·66	0·90	6·06	15·02
1903 ..	1·75	3·69	4·34	0·36	9·36	0·83	6·37	1·33	2·39	2·20	5·04	3·85	41·51
1904 ..	3·08	0·51	3·31	8·72	4·50	1·10	0·08	0·15	0·19	4·66	1·70	3·17	31·17
1905 ..	33·70	1·73	3·33	8·36	2·03	1·39	0·25	0·21	0·00	2·78	1·44	6·49	61·71
1906 ..	5·26	7·61	4·20	1·73	4·01	1·56	0·05	1·70	6·60	2·40	2·40	4·10	41·62
1907 ..	2·80	5·48	10·49	0·75	3·36	4·84	0·96	1·20	0·35	2·63	1·80	4·99	39·65
1908 ..	4·67	8·37	6·52	4·42	1·02	0·27	0·32	2·75	0·20	1·57	1·50	1·47	33·08
1909 ..	6·63	6·59	2·88	1·62	0·57	1·81	4·61	1·75	1·07	0·12	3·07	3·79	34·51
1910 ..	10·20	3·43	5·57	1·01	0·30	6·71	1·71	0·40	1·68	1·36	6·74	4·53	43·64
1911 ..	18·46	8·16	4·35	2·05	0·89	0·13	0·48	1·99	0·01	4·25	1·88	2·64	45·29
1912 ..	2·65	4·05	11·38	0·08	0·96	8·26	2·36	2·10	0·05	2·43	4·30	3·39	42·01
1913 ..	30·88	7·38	1·79	4·26	4·25	3·66	1·74	0·00	1·88	1·52	3·70	3·38	64·44
1914 ..	1·25	7·88	6·32	1·93	3·14	4·83	0·59	0·66	1·18	5·99	0·72	1·56	36·05
1915 ..	4·07	8·97	0·17	0·26	0·93	0·49	1·03	0·34	3·32	0·58	0·29	2·72	23·17
1916 ..	2·30	8·91	4·35	2·73	4·48	1·75	1·86	0·94	3·48	4·58	4·74	5·23	45·35
1917 ..	5·30	5·77	7·80	2·90	1·94	0·11	0·19	1·24	2·99	1·49	6·97	3·50	40·20
1918 ..	15·74	6·41	3·35	2·47	0·85	0·23	0·26	0·96	0·59	0·00	1·77	2·33	34·96
1919 ..	0·16	1·95	4·13	1·32	4·49	0·38	0·20	1·11	0·00	2·37	0·05	0·81	16·97
1920 ..	11·31	0·92	1·87	1·54	3·41	2·90	1·77	1·50	3·83	7·50	2·28	11·51	50·34
1921 ..	8·50	0·91	3·81	7·70	2·82	4·37	3·51	1·63	2·39	0·99	1·91	9·67	48·21
1922 ..	4·84	6·36	0·72	0·33	0·75	2·26	2·45	2·03	1·52	0·01	1·74	7·36	30·37
1923 ..	4·11	1·12	1·47	7·50	1·56	4·14	1·59	1·12	1·93	0·87	1·88	7·33	34·62
1924 ..	4·03	11·98	5·60	3·15	2·01	1·30	4·02	0·73	3·51	6·61	3·40	2·79	49·13
1925 ..	7·33	4·63	5·84	1·39	0·53	4·58	0·48	0·67	0·45	0·14	2·52	9·66	38·22
1926 ..	2·87	1·52	1·57	2·25	7·59	2·03	0·31	0·07	2·43	0·95	0·00	21·38	42·97
1927 ..	21·19	5·21	4·66	3·52	0·16	3·68	0·99	0·96	1·01	6·59	4·98	3·83	56·78
1928 ..	6·71	25·29	1·49	12·16	0·55	5·44	0·49	0·21	1·05	0·47	1·19	8·17	63·22
1929 ..	2·94	7·13	2·71	12·20	0·24	2·06	0·07	0·55	0·09	4·02	2·56	1·82	36·39
1930 ..	16·93	5·67	1·65	2·42	2·97	9·25	1·06	3·73	2·51	1·18	1·97	1·73	51·07
1931 ..	2·75	17·41	5·39	1·81	3·03	1·05	0·83	2·36	0·74	1·72	3·59	7·67	48·35
1932 ..	0·16	0·41	0·20	11·32	1·77	0·48	0·11	0·33	3·11	4·39	3·31	2·98	28·57
1933 ..	9·51	8·04	1·45	3·33	0·56	2·55	3·39	2·15	2·86	6·78	7·67	8·93	57·22
1934 ..	3·17	23·35	2·15	10·67	1·89	1·45	1·47	0·92	0·88	3·31	4·07	5·84	59·17
1935 ..	5·39	7·21	3·44	3·87	2·43	0·11	3·48	1·35	3·07	2·11	0·13	6·94	39·53
1936 ..	2·03	2·78	5·46	1·69	3·11	4·38	1·27	0·11	0·89	0·44	1·60	2·88	26·64
1937 ..	2·87	7·84	15·06	0·95	0·78	0·95	2·35	1·05	0·18	2·76	7·25	3·64	45·68
Average for 39 years	7·29	6·31	4·25	3·57	2·42	2·51	1·62	1·37	1·63	2·57	2·63	5·02	41·19

† Estimated from Childers and Yengarie.

* Incomplete, not used in determining Averages.

QUEENSLAND MONTHLY AND ANNUAL RAINFALL TABLES—*continued.*

INSKIP POINT. *Moreton* (40).

Height above M.S.L., — feet.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1885 ..	1·03	2·60	1·75	3·79	4·23	6·59	1·24	0·36	4·20	1·59	3·02	5·48	35·88
1886 ..	..	..	..	..	..	..	..	..	..	..	..	..	*76·34
1887 ..	5·78	12·37	14·54	8·89	2·92	0·76	4·44	5·04	2·47	0·96	3·02	2·89	64·08
1888 ..	0·79	10·85	4·64	4·25	6·77	4·32	0·41	1·24	0·62	2·42	1·00	2·90	40·21
1889 ..	1·60	1·12	16·35	12·97	7·19	0·43	8·99	2·96	5·14	1·01	2·64	10·56	70·96
1890 ..	10·57	9·45	18·41	13·39	9·76	3·33	2·53	1·34	2·96	0·35	5·82	6·38	84·29
1891 ..	3·72	1·28	7·91	3·27	7·52	8·80	2·29	3·78	4·35	1·76	2·50	9·33	56·51
1892 ..	4·81	2·00	28·41	6·18	4·81	4·94	1·82	0·17	3·12	8·22	3·10	10·80	78·38
1893 ..	15·33	35·30	9·33	4·87	3·05	10·64	5·28	5·98	0·76	1·43	5·87	3·67	101·51
1894 ..	17·42	1·63	19·17	4·29	5·65	3·12	0·06	2·47	4·89	2·13	2·41	6·18	69·42
1895 ..	24·63	1·56	5·40	5·01	2·65	2·64	3·00	1·49	1·87	0·44	3·07	7·77	59·53
1896 ..	6·41	22·78	3·02	1·91	9·89	3·44	2·32	2·22	1·06	0·51	8·43	2·47	64·46
1897 ..	2·22	6·33	4·38	1·68	1·86	3·42	7·76	2·19	5·01	6·62	1·36	9·48	52·31
1898 ..	15·13	13·58	19·14	3·11	8·01	4·29	1·23	2·90	3·48	1·33	1·71	5·26	79·17
1899 ..	9·48	13·32	5·68	8·90	5·69	7·05	5·80	2·59	1·52	2·21	0·79	5·90	68·93
1900 ..	2·94	2·08	6·01	2·19	6·22	1·37	6·54	1·10	4·89	1·02	2·88	1,52	38·76
1901 ..	1·45	9·27	14·15	6·94	7·35	7·15	9·43	5·94	0·80	1·22	2·49	1·11	67·30
1902 ..	2·53	1·37	3·51	3·99	1·31	2·10	1·48	1·43	0·92	1·56	0·93	3·16	24·29
1903 ..	2·45	3·33	9·92	2·42	18·10	1·02	5·83	2·89	1·17	4·30	4·96	7·88	64·27
1904 ..	1·94	0·65	6·99	11·16	6·36	1·08	0·67	1·04	0·90	2·49	1·30	3·77	38·35
1905 ..	17·42	3·07	4·63	6·45	8·54	3·51	0·36	0·52	2·09	2·92	1·39	7·01	57·91
1906 ..	4·12	4·51	5·37	1·89	9·29	10·03	0·35	3·07	7·18	1·83	1·53	7·25	56·42
1907 ..	5·90	14·94	11·98	1·42	7·79	9·08	1·58	0·66	0·00	2·10	3·08	8·46	66·99
1908 ..	8·11	15·75	10·88	6·84	3·82	1·18	4·41	4·08	2·98	2·39	6·14	1·29	67·87
1909 ..	6·98	4·77	5·07	5·09	0·93	5·82	5·91	7·94	1·56	1·58	6·01	9·13	60·79
1910 ..	4·61	6·29	7·71	4·72	0·84	11·26	1·54	2·48	3·45	1·70	6·03	4·43	55·06
1911 ..	24·48	6·86	15·89	4·16	1·06	0·69	1·95	1·90	0·78	5·73	0·87	2·84	67·21
1912 ..	2·64	7·07	14·59	2·05	6·05	10·70	3·47	2·95	0·07	4·78	4·82	4·15	63·34
1913 ..	28·68	7·26	2·23	12·00	10·74	5·81	5·85	0·00	1·65	1·87	3·12	7·25	86·46
1914 ..	4·33	14·18	13·69	1·86	5·78	11·83	3·40	5·56	1·48	6·38	1·13	3·75	73·37
1915 ..	8·57	8·35	2·33	2·19	3·84	1·74	2·84	1·29	2·33	0·23	0·75	3·30	37·76
1916 ..	2·67	3·23	6·89	7·32	9·56	2·96	3·89	2·83	7·04	6·22	6·17	6·81	65·59
1917 ..	10·17	11·21	6·01	5·82	5·52	0·67	0·66	4·99	3·95	2·19	6·06	6·34	63·59
1918 ..	16·54	9·04	7·78	5·54	2·51	0·52	0·35	2·17	2·67	0·00	3·16	1·15	51·43
1919 ..	0·21	4·62	7·81	7·83	8·41	1·66	1·92	1·39	0·00	3·17	0·21	0·10	37·33
1920 ..	18·28	1·58	7·99	4·30	9·18	3·77	2·75	6·96	3·42	13·28	5·79	6·47	83·77
1921 ..	8·83	5·81	6·72	14·02	2·46	6·37	6·96	4·17	2·67	1·78	2·79	13·69	76·27
1922 ..	4·04	8·18	0·90	0·92	6·17	4·86	2·79	0·54	0·89	0·45	0·85	5·16	35·75
1923 ..	5·86	3·38	2·69	20·52	0·48	3·74	2·55	2·15	1·46	1·00	2·59	5·66	52·08
1924 ..	3·42	9·40	7·42	3·97	5·96	3·87	8·23	1·89	2·77	4·80	3·19	4·95	59·87
1925 ..	18·90	7·15	8·33	1·99	4·12	14·96	0·49	3·36	1·29	0·19	1·55	6·72	69·05
1926 ..	9·61	0·38	2·72	1·94	7·84	4·96	0·75	0·03	6·47	1·04	0·02	22·41	58·17
1927 ..	16·49	5·81	10·58	8·82	0·89	6·04	1·30	0·61	3·31	5·09	3·78	7·27	69·99
1928 ..	4·90	21·76	2·45	25·86	3·68	10·35	1·65	0·87	0·70	1·63	1·61	2·80	78·26
1929 ..	3·75	5·83	3·87	8·06	1·30	5·62	0·09	1·06	1·28	2·72	2·09	3·59	39·26
1930 ..	14·96	6·44	5·36	9·33	9·61	18·12	2·54	6·18	0·88	1·03	1·50	4·48	80·43
1931 ..	4·23	26·66	11·47	3·79	6·34	4·36	3·02	4·82	2·04	1·91	5·99	10·79	85·42
1932 ..	0·68	5·37	2·48	4·72	4·12	6·60	0·53	2·54	4·39	3·78	0·65	11·41	47·27
1933 ..	7·31	5·50	3·49	9·25	1·81	2·58	5·13	3·75	4·46	5·10	11·85	8·12	68·35
1934 ..	2·98	15·44	4·84	19·97	3·53	2·67	3·65	3·03	0·84	3·04	5·45	9·57	75·01
1935 ..	5·36	5·30	2·70	8·22	7·77	0·37	3·32	1·56	4·71	1·90	0·10	5·47	46·78
1936 ..	5·84	3·07	6·38	2·30	4·84	5·49	3·53	0·50	0·45	0·65	2·93	2·42	38·40
1937 ..	4·32	8·29	20·77	1·60	0·75	3·69	5·50	2·77	0·57	2·39	19·50	3·35	73·50
Average for 52 years	7·99	8·03	8·32	6·42	5·48	5·05	3·16	2·61	2·50	2·62	3·46	6·04	61·68

IPSWICH. *Moreton* (40).

Height above M.S.L., 64 feet at Railway Station.

1870 ..	3·67	1·99	23·01	5·34	4·21	2·96	6·20	3·05	1·04	5·44	6·01	3·93	66·85
1871 ..	8·74	5·21	4·42	4·49	0·50	1·47	2·01	0·32	1·04	2·65	5·38	4·00	40·23
1872 ..	6·39	3·58	3·23	2·87	0·15	1·46	1·56	0·25	2·13	3·10	6·25	7·01	37·98
1873 ..	3·36	4·95	10·44	1·41	0·29	14·39	0·40	2·68	1·36	1·77	5·04	7·35	53·44
1874 ..	6·36	2·90	2·47	3·57	0·43	1·92	2·70	0·00	0·67	0·72	2·89	2·86	27·49
1875 ..	3·14	29·39	3·54	2·44	2·58	3·68	1·05	0·28	1·43	2·23	2·39	1·27	53·42
1876 ..	3·93	3·53	1·69	3·02	9·82	2·20	4·73	0·35	1·50	3·32	1·22	2·11	37·42
1877 ..	5·71	1·38	2·09	1·69	1·00	0·65	0·62	0·54	0·79	1·05	2·38	1·85	19·75
1878 ..	2·39	6·00	2·39	0·28	1·84	0·22	0·29	2·29	4·90	2·38	0·64	4·55	28·17
1879 ..	5·80	1·53	4·04	5·80	5·67	4·07	2·19	12·86	5·07	1·48	4·94	6·32	59·77
1880 ..	1·31	8·62	2·12	3·35	0·27	0·00	0·44	0·03	2·44	6·97	6·93	2·01	34·49
1881 ..	5·92	1·31	2·71	0·52	1·89	0·00	0·45	0·91	1·77	4·79	2·47	1·51	24·25
1882 ..	2·34	5·98	0·76	5·70	0·33	2·29	2·21	2·03	1·35	7·82	0·94	3·11	34·86
1883 ..	6·09	3·98	1·95	1·85	2·21	0·30	0·62	1·39	1·03	0·89	0·32	2·48	23·11
1884 ..	1·50	2·07	3·79	1·04	5·98	2·10	3·61	1·45	1·50	0·51	5·53	3·49	32·57
1885 ..	3·04	4·60	1·97	0·70	0·77	2·31	0·15	0·19	0·59	0·95	2·90	3·35	21·52
1886 ..	6·58	1·47	2·10	0·96	3·67	3·90	4·11	3·40	4·50	2·69	4·29	0·99	38·66
1887 ..	16·45	3·92	6·40	2·35	1·51	0·24	4·09	5·91	1·40	2·47	3·55	1·61	49·90
1888 ..	1·75	10·98	0·32	0·40	0·47	0·18	0·00	0·17	0·26	0·76	3·07	4·45	22·81
1889 ..	1·10	0·74	4·62	3·05	3·90	0·70	7·25	2·36	3·30	2·54	4·10	2·11	35·77
1890 ..	8·67	7·17	16·53	6·19	0·91	0·47	0·33	0·06	3·84	1·62	4·33	5·00	55·12
1891 ..	5·38	0·66	1·19	0·92	2·69	4·62	2·40	2·49	2·41	1·64	0·98	3·21	28·59
1892 ..	5·32	2·60	9·61	8·46	3·59	2·82	0·70	0·70	1·86	5·53	2·42	3·52	47·13
1893 ..	8·17	29·04	7·81	2·86	1·52	7·78	2·31	3·21	1·21	1·51	2·16	3·06	70·64
1894 ..	9·45	1·04	5·88	3·21	1·07	2·11	0·01	1·71	3·06	2·25	4·50	4·40	38·69
1895 ..	13·61	1·39	0·41	3·32	0·80	0·00	0·36	0·65	1·42	0·61	2·63	8·04	33·24
1896 ..	2·41	11·85	1·41	0·63	1·11	0·17	2·76	0·19	1·63	0·51	6·21	5·92	34·80
1897 ..	2·58	1·68	3·76	0·00	0·06	1·22	3·00	1·09	3·20	4·13	2·18	8·20	31·10
1898 ..	12·69	4·84	9·04	0·46	2·71	1·98	0·10	1·28	1·47	0·75	2·42	1·79	39·53
1899 ..	5·57	1·24	0·34	4·11	1·41	1·82	2·42	1·29	2·77	2·04	3·46	4·66	31·13

Continued in next column.

IPSWICH. *Moreton* (40)—*continued.*

1900 ..	2·79	1·66	1·85	1·47	4·73	1·45	2·25	1·17	1·37	0·01	3·93	0·47	23·15
1901 ..	2·09	2·88	7·01	3·38	1·43	3·16	0·97	2·47	3·54	3·98	1·17	0·35	32·43
1902 ..	1·45	2·80	0·32	0·03	0·02	0·15	0·31	0·77	0·30	2·86	3·45	1·64	14·10
1903 ..	1·36	5·55	3·79	2·24	9·56	0·85	3·64	2·70	5·24	2·98	3·84	1·01	42·76
1904 ..	4·07	1·72	3·55	4·71	3·50	0·23	1·75	0·05	1·56	3·20	1·62	4·25	30·21
1905 ..	6·94	1·30	2·10	2·86	1·98	0·50	0·44	0·78	0·70	2·91	3·64	3·64	27·79
1906 ..	5·32	7·22	3·87	0·12	1·67	0·25	0·17	2·59	2·94	2·60	0·71	4·22	31·68
1907 ..	2·17	5·38	1·95	0·12	3·43	2·22	0·30	0·43	0·05	0·78	4·45	3·40	24·68
1908 ..	1·34	7·38	13·72	3·60	1·14	0·12	0·45	3·23	1·20	1·48	5·09	1·06	39·81
1909 ..	1·37	1·99	2·60	4·56	0·05	1·37	1·67	1·43	3·55	1·93	1·56	4·72	26·80
1910 ..	6·91	2·76	3·60	1·59	0·20	3·83	1·67	0·58	1·55	3·70	2·08	5·07	33·54
1911 ..	8·15	4·19	2·51	1·38	0·42	0·00	0·59	1·12	0·34	4·71	0·25	0·51	24·17
1912 ..	1·87	3·04	7·40	0·30	0·00	6·58	1·49	0·99	0·50	4·04	3·34	2·74	32·29
1913 ..	3·93	1·75	3·65	2·73	4·25	4·05	1·02	0·00	1·49	1·06	0·50	3·21	27·64
1914 ..	4·86	1·82	3·79	1·47	2·44	4·00	1·27	0·32	0·27	2·61	1·57	4·66	29·08
1915 ..	2·48	4·78	0·30	1·08	1·15	0·17	1·29	1·32	2·57	0·14	1·18	1·67	18·13
1916 ..	4·45	10·96	2·69	8·05	0·75	1·48	1·53	1·67	1·88	2·50	3·33	4·44	43·73
1917 ..	8·53	2·46	2·94	1·20	0·21	0·07	0·25	0·42	5·52	1·38	5·59	4·79	33·36
1918 ..	5·27	3·09	1·08	1·52	0·97	0·20	0·17	1·07	0·86	0·55	1·00	1·04	16·82
1919 ..	0·43	0·26	7·22	0·78	3·69	0·51	0·02	1·16	0·31	0·43	0·71	0·92	16·44
1920 ..	8·59	0·70	1·93	1·33	1·68	1·23	3·28	1·42	2·00	5·27	2·95	1·61	31·99
1921 ..	3·99	1·51	4·43	3·39	1·24	6·35	4·21	0·14	2·19	1·27	1·68	9·58	39·98
1922 ..	2·01	3·22	9·39	0·17	0·21	0·77	2·70	0·20	1·24	1·58	3·82	4·31	23·62
1923 ..	0·97	0·43	2·99	1·24	0·15	1·92	1·06	0·67	1·01	0·30	2·28	3·53	16·55
1924 ..	1·68	7·46	2·65	1·67	0·68	3·12	4·13	1·01	1·95	1·49	5·36	1·95	33·15
1925 ..	4·63	3·32	7·07	0·02	2·66	3·71	0·84	2·37	0·32	0·30	5·25	3·25	33·74
1926 ..	1·41	0·11	0·82	1·31	0·52	3·72	0·15	0·40	1·15	0·88	0·64	4·41	15·52
1927 ..	14·25	3·91	4·28	1·33	0·00	2·16	0·54	0·18	1·27	3·59	4·90	4·79	41·20
1928 ..	5·58	9·27	1·41	8·30	1·56	2·57	0·61	0·66	0·20	1·33	0·71	3·62	35·82
1929 ..	3·35	3·63	5·45	4·99	0·36	1·82	0·47	1·23	0·35	3·93	1·87	3·52	30·97
1930 ..	5·15	3·88	1·02	0·71	5·11	6·37	1·91	0·73	1·15	1·48	2·38	2·20	32·09
1931 ..	3·38	10·70	6·00	1·45	1·54	0·45	1·80	0·25	0·44	0·17	4·52	8·54	39·24
1932 ..	0·73	0·73	2·04	5·92	0·75	0·60	0·36	0·75	3·18	2·75	1·91	1·45	21·17
1933 ..	9·71	2·06	0·02	5·57	0·23	0·30	2·82	0·52	1·11	1·95	4·75	4·85	33·89
1934 ..	4·24	8·67	0·17	4·32	0·84	1·10	3·75	0·77	2·58	1·06	4·89	4·85	37·24
1935 ..	3·04	4·80	2·17	1·99	1·10	0·00	1·44	0·66	3·43	5·20	1·14	3·40	29·27
1936 ..	3·77	1·27	2·48	0·09	0·80	1·97	1·14	0·02	0·97	0·67	0·86	1·61	15·65
1937 ..	0·93	2·60	5·94	0·56	0·10	0·60	0·77	1·53	0·23	3·55	5·17	4·76	26·74
Average for 68 years	4·76	4·51	3·97	2·48	1·83	2·03	1·65	1·34	1·79	2·29	3·04	3·53	33·22

KALBAR *Moreton* (40).

Height above M.S.L., 257 feet at Railway Station.

1897 ..	3·85	1·87	1·01	0·00	0·02	1·54	3·79	1·91	3·47	3·88	0·77	7·40	29·51
1898 ..	8·14	2·79	2·87	0·05	1·32	0·76	0·41	1·66	2·24	0·81	2·35	2·46	25·86
1899 ..	6·17	0·82	0·31	5·31	0·86	1·47	2·60	0·93	1·81	2·24	1·90	10·43	34·85
1900 ..	2·03	4·54	2·57	0·35	4·79	1·05	3·07	0·98	2·53	0·08	1·04	0·50	23·53
1901 ..	2·58	2·44	9·96	2·80	0·97	2·74	0·33	4·71	1·33	2·04	0·53	0·96	31·39
1902 ..	1·59	3·68	0·39	0·00	0·00	0·22	0·00	0·70	0·76	2·43	2·27	4·86	16·90
1903 ..	1·13	4·11	2·28	1·20	7·46	0·15	4·62	2·50	3·50	3·23	3·54	2·27	35·99
1904 ..	2·22	1·62	4·75	1·73	2·22	0·26	0·80	0·13	2·17	4·40	2·32	6·91	29·53
1905 ..	6·31	1·31	5·17	2·47	2·22	0·19	0·42	0·64	0·76	3·01	4·62	6·53	33·65
1906 ..	5·00	3·78	5·36	0·27	2·80	0·75	0·04	2·80	2·64	2·77	2·44	5·14	33·79
1907 ..	2·61	5·00	3·50	0·52	3·97	1·32	0·53	1·87	0·00	0·43	4·86	2·50	27·11
1908 ..	0·57	4·97	9·32	2·77	1·20	0·18	0·21	2·92	1·44	1·91	5·22	2·36	33·07
1909 ..	1·02	1·60	2·04	2·58	0·61	0·94	1·44	1·02	1·09	2·87	2·84	6·22	24·27
1910 ..	7·97	2·40	3·33	2·30	0·19	3·75	1·01	0·54	2·59	4·06	4·11	5·67	37·92
1911 ..	8·57	2·66	1·64	0·67	0·50	0·00	0·62	1·55	0·81	2·41	1·26	0·81	21·50
1912 ..	1·73	1·64	5·37	0·17	0·12	7·22	2·41	1·66	0·52	5·32	2·76	1·36	30·28
1913 ..	3·58	2·96	2·12	1·06	4·84	4·56	0·29	0·00	1·99	1·87	1·85	4·09	29·21
1914 ..	4·28	5·88	5·11	0·88	2·51	4·08	2·03	0·14	0·65	2·51	2·42	7·56	38·05
1915 ..	5·45	3·88	0·35	1·83	2·03	0·15	1·96	2·02	1·72	0·12	1·51	1·48	22·50
1916 ..	3·98	8·66	1·98	6·91	0·22	1·99	1·24	2·51	3·03	2·80	5·39	2·86	41·57
1917 ..	5·36	3·18	3·07	1·30	0·40	0·05	0·37	0·72	6·33	2·85	11·89	5·07	40·59
1918 ..	6·27	0·53	0·92	2·00	0·62	0·15	0·67	1·88	0·30	0·71	5·66	1·48	21·19
1919 ..	0·46	2·10	7·70	0·82	2·85	0·12	0·00	0·63	0·21	0·40	0·76	1·48	17·53
1920 ..	7·31	0·27	1·70	0·72	1·60	1·83	2·89	1·65	2·51	2·36	5·69	5·43	33·96
1921 ..	2·04	0·64	4·38	2·46	1·07	7·16	6·07	0·14	3·03	1·94	2·85	11·45	43·23
1922 ..	2·78	1·99	0·60	0·00	0·15	1·39	3·00	0·20	2·28	2·82	3·19	3·54	21·94
1923 ..	1·24	0·00	3·87	0·27	0·17	2·11	0·27	0·34	1·28	0·51	1·40	5·96	17·42
1924 ..	3·08	8·59	3·61	2·92	0·07	2·69	3·73	1·80	2·52	3·24	6·35	2·59	41·19
1925 ..	6·84	1·44	2·90	0·21	2·71	2·75	0·90	3·01	0·39	0·28	5·72	3·05	30·20
1926 ..	3·52	0·10	0·55	3·78	0·52	3·79	0·44	0·72	1·92	0·65	1·40	6·55	23·94
1927 ..	17·78	4·99	5·31	0·77	0·08	2·43	0·45	0·28	0·95	5·70	3·62	5·20	47·56
1928 ..	5·72	18·66	2·82	6·78	1·04	2·08	1·02	0·70	0·00	0·73	0·93	5·58	46·06
1929 ..	4·77	7·99	3·80	5·27	0·65	1·43	0·63	1·70	0·24	2·95	1·46	5·19	36·08
1930 ..	7·85	1·54	4·84	4·07	5·19	6·51	2·06	1·46	1·15	3·40	1·60	1·24	40·91
1931 ..	5·13	7·17	7·39	1·10	2·47	0·55	1·35	0·28	0·67	0·79	4·29	8·45	39·64
1932 ..	0·61	2·19	1·08	3·48	0·53	0·87	0·55	0·22	4·29	3·18	2·37	1·58	20·95
1933 ..	8·64	3·50	0·00	3·50	0·65	1·04	2·37	0·32	2·00	2·33	5·98	4·86	35·19
1934 ..	7·50	9·14	0·00	3·82	0·65	0·64	3·71	1·95	1·12	2·62	3·29	7·42	41·86
1935 ..	2·32	6·39	1·05	2·02	1·15	0·05	1·24	0·21	5·02	5·77	0·29	4·32	29·83
1936 ..	3·47	0·27	3·48	0·36	1·69	1·93	1·59	0·16	1·58	0·58	1·40	5·40	21·91
1937 ..	1·59	1·45	11·34	0·16	0·90	0·68	0·67	1·77	0·31	4·29	7·81	5·59	36·56
Average for 41 years	4·47	3·63	3·41	1·94	1·56	1·80	1·51	1·25	1·78	2·37	3·22	4·48	31·42

* Incomplete. not used in determining Averages.

QUEENSLAND MONTHLY AND ANNUAL RAINFALL TABLES—*continued.*

KILCOY. *Moreton* (40).

Height above M.S.L., 340 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1890 ..	..	..	..	..	*2·44	*2·71	*1·22	*0·82	*3·52	*0·98	*4·83	*4·43	..
1891 ..	5·88	0·70	3·87	2·30	3·42	8·08	1·28	3·25	1·50	5·00	1·58	8·96	45·82
1892 ..	2·16	1·69	15·69	15·08	3·78	4·66	1·25	1·15	5·69	5·66	3·15	†5·33	65·29
1893 ..	†13·36	†65·72	†9·16	5·00	2·88	11·00	4·15	4·25	1·11	3·60	3·60	0·25	124·08
1894 ..	12·95	1·54	10·83	7·91	1·52	2·04	0·00	1·01	3·50	†3·55	1·47	†6·79	53·11
1895 ..	11·39	1·28	0·87	0·99	2·70	0·00	0·53	0·42	1·96	0·79	3·84	7·43	32·20
1896 ..	4·36	22·85	2·78	1·22	1·62	0·37	3·86	0·41	0·32	1·25	6·81	3·88	49·73
1897 ..	2·41	4·63	4·05	0·04	0·07	1·92	3·53	1·61	1·54	4·76	2·28	8·86	35·70
1898 ..	19·90	7·31	10·07	1·03	3·26	1·70	0·24	1·50	3·11	2·03	6·85	1·77	58·77
1899 ..	4·01	2·63	1·38	3·71	2·44	1·85	2·99	2·20	3·36	1·71	0·96	5·04	32·28
1900 ..	0·86	2·38	2·24	1·93	5·37	2·28	3·34	1·32	3·23	0·86	3·32	0·88	28·01
1901 ..	1·35	5·13	6·63	4·33	1·85	2·37	3·43	2·94	1·19	3·91	0·72	0·26	34·11
1902 ..	1·83	2·61	0·55	0·86	0·18	0·00	0·21	0·63	2·01	1·26	4·26	3·83	18·23
1903 ..	1·63	3·85	3·53	1·08	10·25	0·67	5·28	2·96	4·19	3·30	4·22	2·01	42·97
1904 ..	3·65	1·66	5·49	6·41	4·18	0·62	1·79	0·27	1·13	3·62	3·86	3·51	36·19
1905 ..	4·53	1·10	2·61	3·98	1·87	0·50	0·25	0·35	0·44	2·11	0·98	3·35	22·07
1906 ..	4·74	8·60	6·58	1·41	4·55	1·52	0·83	3·13	3·22	1·96	2·35	4·32	43·21
1907 ..	3·25	8·93	5·45	0·23	2·70	3·70	0·44	0·30	0·23	0·70	3·28	4·51	33·72
1908 ..	3·93	15·51	11·44	1·73	1·33	0·84	1·36	0·96	1·16	0·87	2·04	1·51	42·68
1909 ..	3·70	1·84	2·56	3·42	0·51	3·54	3·89	2·93	2·95	2·49	3·65	11·39	42·87
1910 ..	2·97	2·81	7·47	2·55	0·05	6·66	0·19	0·11	1·87	2·77	1·68	‡6·15	35·28
1911 ..	11·85	4·51	5·14	‡1·25	0·47	0·00	1·08	0·91	1·15	3·04	0·98	0·67	31·05
1912 ..	3·51	2·95	8·27	0·00	0·00	6·10	1·69	1·37	0·09	3·92	2·72	4·40	35·02
1913 ..	5·96	2·17	1·91	4·72	4·86	3·56	1·31	0·00	2·59	0·88	1·06	4·21	33·23
1914 ..	1·96	8·24	5·71	0 36	3·75	4·35	1·41	0·37	0·57	3·30	1·72	5·29	37·03
1915 ..	2·04	8·33	0·23	0·96	1·90	0·37	1·53	1·05	2·12	0·37	3·32	1·41	23·63
1916 ..	2·53	1·70	2·98	7·53	1·08	1·89	2·83	2·37	2·46	6·19	2·88	5·81	40·25
1917 ..	10·66	2·56	4·44	0·74	1·15	0·41	0·31	0·83	5·04	1·13	5·68	6·50	39·45
1918 ..	12·67	3·38	3·65	2·44	1·38	0·06	0·10	1·46	0·63	0·72	2·25	1·78	30·52
1919 ..	2·06	0·17	3·37	3·35	5·43	1·05	0·42	0·70	0·12	0·68	2·03	0·65	20·03
1920 ..	11·73	0·86	1·67	3·13	2·22	2·73	2·13	1·73	3·08	3·97	4·99	2·24	40·48
1921 ..	6·63	0·93	6·52	5·12	1·38	6·40	4·41	0·52	1·43	0·80	1·27	9·89	45·30
1922 ..	3·52	6·92	1·31	0·45	0·31	1·54	2·38	1·06	1·22	1·06	2·39	4·96	27·12
1923 ..	2·41	0·64	2·98	3·81	2·02	2·75	2·17	0·58	1·18	0·87	2·73	6·81	28·95
1924 ..	5·68	6·19	4·71	2·05	1·15	2·48	4·85	0·83	2·00	5·39	3·24	2·58	41·15
1925 ..	9·59	2·29	10·18	0·43	3·54	5·37	0·57	3·44	0·42	0·18	6·09	3·50	45·60
1926 ..	7·27	0·08	1·67	1·61	0·99	3·38	0·69	0·15	2·47	0·70	0·85	10·89	30·75
1927 ..	13·66	3·09	10·01	4·71	0·00	3·05	0·58	0·37	1·78	2·01	9·39	6·51	55·16
1928 ..	4·12	13·72	1·23	12·90	1·85	2·68	0·91	0·46	0·61	0·50	1·39	4·11	44·48
1929 ..	10·43	4·45	7·35	6·02	0·11	2·57	0·34	1·46	0·06	3·21	2·01	3·30	41·31
1930 ..	8·34	3·64	1·36	1·33	5·21	8·85	1·27	1·45	0·76	2·87	2·88	1·69	39·65
1931 ..	4·79	14·61	8·18	1·93	1·76	0·50	1·99	0·92	2·32	1·04	5·89	3·97	47·90
1932 ..	1·75	0·80	0·46	5·87	1·12	0·73	0·39	0·30	1·86	4·66	2·40	1·85	22·19
1933 ..	4·51	2·40	0·47	4·07	0·14	1·02	3·56	1·46	3·26	2·29	6·79	6·02	35·99
1934 ..	3·16	9·39	1·14	6·09	2·42	1·37	3·98	0·70	0·39	1·23	4·96	5·69	40·52
1935 ..	3·28	6·15	2·78	2·39	1·46	0·10	1·85	1·56	2·39	4·10	0·31	5·45	31·82
1936 ..	5·33	1·97	5·40	0·40	1·40	2·17	1·16	0·05	0·60	0·50	1·69	2·31	22·98
1937 ..	0·54	3·72	6·77	1·76	0·14	1·51	0·59	1·38	0·22	5·30	4·22	5·99	32·14
Average for 47 years	5·72	5·93	4·75	3·20	2·16	2·58	1·77	1·26	1·80	2·41	3·13	4·44	39·15

† Record taken from Woodford.
‡ Record taken from Woodford and Caboonbah.

KILKIVAN. *Moreton* (40).

Height above M.S.L., 461 feet at Railway Station.

1879 ..	5·85	5·42	2·89	2·39	3·52	2·96	4·80	12·69	4·90	2·48	3·40	4·44	55·74
1880 ..	2·82	6·41	3·43	8·81	0·28	0·25	0·36	0·00	2·43	7·88	4·80	3·41	40·88
1881 ..	3·60	1·78	2·43	1·66	1·38	0·32	0·01	0·38	2·83	1·89	2·34	3·30	21·92
1882 ..	4·76	4·87	2·11	4·66	1·13	4·17	1·89	1·35	0·41	6·71	0·71	9·40	42·17
1883 ..	6·73	4·85	1·70	0·76	0·74	0·10	0·40	0·99	0·34	1·53	0·00	0·93	19·07
1884 ..	2·61	7·51	5·16	1·45	5·27	1·91	1·86	0·36	0·16	1·47	8·09	4·48	40·33
1885 ..	1·76	3·97	1·61	0·28	0·77	4·21	0·35	0·53	0·81	3·42	1·66	4·25	23·62
1886 ..	4·05	4·00	1·47	1·95	1·27	6·05	2·10	4·12	4·18	3·20	3·36	2·04	37·79
1887 ..	4·24	18·52	11·79	3·47	0·35	0·10	5·17	3·34	2·17	2·75	3·64	5·55	61·09
1888 ..	2·92	8·34	0·62	1·11	1·26	0·74	0·06	†0·80	0·33	2·56	0·43	5·16	24·33
1889 ..	*0·57	*1·26	*3·13	*4·33	*4·85	*0·60	*8·42	*2·08	..	..	*4·67	..	..
1890 ..	20·58	7·05	15·21	3·49	1·63	1·31	0·41	0·85	2·66	†0·50	6·89	5·87	66·45
1891 ..	7·69	0·27	3·37	1·95	2·47	6·57	1·44	2·17	1·58	1·86	3·06	6·56	38·99
1892 ..	2·76	0·65	8·07	3·84	3·38	1·60	1·63	0·05	1·62	6·66	3·70	5·19	39·15
1893 ..	10·35	35·02	4·48	2·69	1·57	9·48	3·96	4·08	1·67	2·42	4·20	1·76	81·68
1894 ..	7·16	0·93	8·39	3·02	2·74	2·21	0·02	1·38	3·10	2·15	2·18	7·81	41·09
1895 ..	19·08	0·73	0·82	3·31	0·75	0·00	0·97	0·08	1·22	1·59	1·18	4·59	34·32
1896 ..	4·11	17·24	1·51	0·42	1·13	0·50	1·68	0·61	0·48	0·25	4·42	3·03	35·38
1897 ..	4·22	3·63	4·73	0·12	0·04	1·97	4·82	1·87	3·18	7·20	0·73	10·04	42·55
1898 ..	18·86	4·78	11·58	0·46	2·45	1·95	0·11	1·48	3·65	0·57	3·70	3·56	53·15
1899 ..	5·82	2·42	1·31	2·23	2·31	1·75	1·19	2·12	1·56	2·78	1·30	5·84	30·63
1900 ..	1·09	1·57	4·07	1·34	2·96	0·83	2·30	1·37	4·30	0·47	1·30	0·43	22·03
1901 ..	1·34	2·24	6·12	4·65	2·00	1·85	2·61	3·33	0·41	5·76	0·58	1·00	31·89
1902 ..	1·02	0·77	1·33	0·31	0·57	0·00	0·15	0·27	0·53	2·09	1·49	5·13	13·66
1903 ..	1·38	3·64	1·72	0·38	7·31	0·14	2·54	1·98	2·88	3·99	3·27	2·53	31·76
1904 ..	7·47	1·59	3·06	4·74	3·30	0·39	0·75	0·11	0·34	3·53	1·62	3·31	30·21
1905 ..	7·56	1·57	3·26	4·00	0·96	0·61	0·35	0·00	1·73	1·86	1·63	3·32	26·85
1906 ..	5·50	6·37	5·86	0·94	5·47	0·75	0·20	3·04	3·47	2·75	3·26	4·17	41·78
1907 ..	4·42	6·06	6·79	0·00	3·23	2·45	0·96	0·73	0·51	1·40	2·37	4·56	33·48
1908 ..	2·45	9·62	6·68	1·17	0·63	0·48	0·69	2·90	0·53	1·20	1·55	3·47	31·37
1909 ..	6·42	2·55	3·52	1·62	1·38	2·07	4·91	1·95	1·84	0·77	4·60	10·55	42·18
1910 ..	4·30	2·43	4·09	0·28	0·45	3·37	1·46	0·54	1·62	3·08	2·89	4·03	28·54

Continued in next column.

KILKIVAN. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1911 ..	12·94	7·01	1·97	1·58	0·75	0·00	0·50	0·14	0·13	2·92	0·86	0·25	29·05
1912 ..	1·98	2·35	3·49	0·06	0·45	4·96	1·53	0·48	0·21	3·77	1·22	3·04	23·54
1913 ..	8·86	3·18	1·08	1·67	6·33	4·65	1·59	0·00	4·52	0·53	0·68	5·45	38·54
1914 ..	2·65	3·86	9·45	0·85	0·95	3·98	1·58	0·00	0·18	3·23	0·12	1·25	28·10
1915 ..	3·10	4·62	0·00	0·86	1·13	0·00	0·95	1·23	0·80	0·97	1·16	4·41	19·23
1916 ..	1·81	3·05	3·28	3·94	0·91	1·96	3·19	2·86	1·69	4·23	3·48	3·98	34·38
1917 ..	4·27	2·33	2·92	1·03	0·77	0·00	0·85	0·65	4·45	0·56	4·97	4·39	27·19
1918 ..	13·06	4·07	1·59	1·99	0·74	0·00	0·59	1·03	0·07	0·21	0·82	1·38	25·55
1919 ..	0·77	1·83	4·25	1·34	2·96	0·56	0·24	1·14	0·00	1·34	0·00	0·03	14·46
1920 ..	10·79	0·18	0·52	1·28	2·41	2·19	1·34	1·90	1·86	3·77	5·77	3·17	35·18
1921 ..	5·15	2·04	4·70	4·22	1·18	9·12	2·22	1·05	1·77	1·97	2·96	12·59	48·97
1922 ..	1·14	5·02	1·87	0·00	0·17	1·28	2·21	0·71	2·12	0·18	2·22	3·85	20·77
1923 ..	2·78	1·65	1·79	2·37	0·25	3·54	1·50	0·37	0·52	0·79	2·30	7·85	25·71
1924 ..	1·38	7·83	3·80	2·45	0·05	1·46	2·63	0·81	3·25	5·49	3·47	5·42	38·04
1925 ..	5·65	2·08	3·03	0·04	2·97	5·63	0·81	1·34	0·81	0·18	2·41	6·95	31·90
1926 ..	1·14	0·00	1·03	0·52	1·29	2·28	0·20	0·10	3·71	0·60	0·67	12·37	23·91
1927 ..	7·49	6·17	11·29	2·36	0·11	2·14	0·63	0·23	0·98	5·09	2·31	6·57	45·37
1928 ..	5·65	14·86	1·37	7·13	0·82	2·85	0·86	0·30	1·21	3·14	1·38	2·71	42·28
1929 ..	13·43	5·37	1·22	8·41	0·00	0·97	0·39	1·80	0·00	4·50	3·32	3·27	42·68
1930 ..	10·89	4·27	1·99	2·22	4·14	5·63	1·40	3·00	0·85	1·12	3·57	1·56	40·64
1931 ..	4·21	5·83	8·36	1·64	2·29	0·44	1·02	0·39	1·57	0·65	3·08	4·68	34·16
1932 ..	0·05	1·15	0·27	5·31	0·56	0·35	0·41	0·40	1·65	3·48	1·77	2·21	17·61
1933 ..	5·46	1·39	0·00	2·42	0·62	1·52	3·03	1·45	3·30	3·76	4·50	6·72	34·17
1934 ..	2·79	12·91	0·41	4·94	1·92	2·47	2·72	0·98	1·03	3·55	5·04	8·40	47·16
1935 ..	4·44	3·04	0·60	2·03	1·68	0·05	1·54	0·58	2·64	1·88	0·10	6·45	25·03
1936 ..	6·14	1·67	5·17	0·18	2·80	3·47	0·45	0·00	1·13	2·34	2·50	2·25	28·10
1937 ..	0·62	4·09	9·82	0·80	0·03	1·16	0·69	1·07	0·70	4·80	3·60	4·94	32·32
Average for 58 years	5·55	4·98	3·87	2·23	1·74	2·13	1·47	1·37	1·70	2·62	2·56	4·58	34·80

†—Estimated.

LAIDLEY. *Moreton* (40).

Height above M.S.L., 335 feet.

1889 ..	..	..	..	..	..	..	..	..	..	..	*6·09	*1·74	..
1890 ..	19·05	7·04	18·02	5·54	1·63	0·79	0·25	0·25	3·05	1·08	3·51	6·26	66·47
1891 ..	5·62	0·95	2·35	1·38	2·11	5·79	2·24	2·23	1·90	2·73	1·10	3·08	31·48
1892 ..	5·15	1·13	9·89	9·93	2·06	1·89	0·65	0·76	3·36	7·63	5·55	2·57	50·57
1893 ..	9·09	25·60	6·59	2·67	2·55	7·44	2·43	2·42	1·17	1·45	3·11	0·34	64·86
1894 ..	8·72	2·51	4·73	4·04	1·14	2·25	0·03	0·76	2·34	3·13	3·78	4·59	38·02
1895 ..	16·04	0·72	0·43	2·91	0·61	0·00	0·54	0·36	1·37	1·61	3·87	8·96	37·42
1896 ..	3·56	12·00	1·46	0·41	0·96	0·58	3·22	0·48	0·81	1·07	3·65	3·56	31·76
1897 ..	4·05	1·07	2·63	0·00	0·07	1·43	4·36	0·86	2·72	4·45	1·84	10·05	33·53
1898 ..	10·43	1·62	3·57	0·22	1·46	0·81	0·10	1·42	1·39	2·10	2·01	1·09	26·22
1899 ..	6·93	2·35	0·54	3·66	1·63	1·32	2·00	1·82	5·04	3·17	2·40	6·50	37·36
1900 ..	0·64	3·15	2·87	1·94	4·36	1·41	2·28	1·08	2·39	0·00	4·55	0·63	25·30
1901 ..	4·01	1·58	6·94	3·81	1·47	2·54	2·00	5·32	1·22	3·37	1·10	1·65	35·01
1902 ..	1·79	1·94	0·39	0·10	0·20	0·06	0·00	0·40	0·89	2·21	3·27	5·13	16·38
1903 ..	0·71	3·63	2·63	0·95	8·20	0·20	4·65	3·06	4·25	5·47	3·87	1·82	39·44
1904 ..	2·93	1·35	5·36	2·83	3·12	0·32	1·68	0·00	1·87	1·87	3·99	5·26	30·58
1905 ..	5·93	2·33	2·17	4·16	2·59	0·56	0·56	0·61	0·30	2·36	3·59	3·73	28·89
1906 ..	3·29	5·63	6·73	0·35	2·83	0·49	0·50	3·26	3·19	2·87	1·78	4·12	35·04
1900 ..	2·84	4·50	3·47	0·00	2·99	1·56	0·45	0·58	0·15	0·87	1·97	2·72	22·10
1909 ..	1·61	5·80	11·31	0·82	0·30	0·27	0·17	3·20	1·82	1·29	4·54	1·82	32·95
1909 ..	1·79	†4·83	†2·14	†3·66	0·41	0·86	1·86	2·07	1·75	1·20	3·68	5·49	29·74
1910 ..	11·22	4·17	2·61	0·95	0·77	4·93	1·82	0·36	1·06	3·13	5·15	7·84	44·01
1911 ..	9·16	3·94	2·65	1·17	0·36	0·00	0·82	1·43	0·61	4·11	0·36	0·37	24·98
1912 ..	2·36	2·54	5·51	0·35	0·00	6·79	2·05	0·83	0·41	4·18	3·56	3·91	32·49
1913 ..	4·28	3·03	2·67	2·41	3·30	4·01	0·57	0·00	1·34	2·55	0·59	3·02	27·77
1914 ..	6·60	4·80	3·94	1·96	2·32	2·70	0·91	0·00	0·87	3·46	1·70	8·42	37·68
1915 ..	2·55	4·26	0·65	1·22	1·43	0·21	1·18	1·92	1·46	0·02	1·06	1·64	17·60
1916 ..	1·51	3·53	2·04	4·43	0·22	2·39	1·53	1·53	1·57	3·03	5·19	1·85	28·82
1917 ..	4·87	4·58	2·01	1·45	0·28	0·10	0·45	0·59	6·26	1·56	5·70	9·22	37·07
1918 ..	5·62	1·49	0·49	1·48	0·60	0·19	0·03	1·13	0·84	0·94	1·89	1·00	15·70
1919 ..	0·44	0·22	4·63	0·58	2·90	0·48	0·03	0·44	0·25	0·37	1·24	2·49	14·07
1920 ..	5·75	0·36	1·63	1·01	2·39	2·01	2·67	1·09	3·72	3·52	4·21	2·51	30·87
1921 ..	2·10	2·73	4·90	3·05	1·88	5·93	3·83	0·55	2·52	0·88	0·62	10·39	39·38
1922 ..	1·99	4·97	0·80	0·00	0·01	0·99	2·22	0·26	1·23	1·70	3·81	3·34	21·32
1923 ..	2·70	0·00	2·65	0·79	0·00	2·33	0·85	0·53	0·67	0·71	1·09	6·06	18·38
1924 ..	2·88	9·69	2·07	1·38	0·20	3·14	2·08	1·21	1·95	1·22	2·49	2·47	30·78
1925 ..	6·22	3·09	3·05	0·03	1·81	3·57	0·66	1·97	0·31	0·04	4·19	3·99	28·93
1926 ..	3·39	0·10	0·42	1·39	0·39	2·32	0·19	0·16	1·37	0·37	0·93	3·16	14·19
1927 ..	13·16	4·09	3·19	1·38	0·00	2·20	0·38	0·17	1·24	2·86	4·66	5·18	38·51
1928 ..	3·77	12·80	0·96	7·53	0·83	1·82	1·39	0·48	0·12	0·83	1·27	5·11	36·91
1929 ..	3·54	6·49	3·90	4·27	0·00	1·07	0·42	0·79	0·15	1·95	2·20	3·30	28·08
1930 ..	6·58	2·59	1·64	2·10	4·48	6·22	0·64	0·74	0·92	1·70	1·32	1·92	30·85
1931 ..	2·45	8·08	5·08	1·52	1·65	0·35	1·77	0·27	1·19	0·69	4·64	7·54	35·23
1932 ..	0·34	0·23	0·00	4·92	0·37	0·87	0·78	0·47	2·91	2·61	3·77	0·87	18·14
1933 ..	7·36	2·19	0·06	2·15	0·37	0·97	2·56	0·59	1·15	1·52	6·80	5·84	31·56
1934 ..	4·21	8·15	0·10	5·31	0·95	0·72	2·96	0·91	1·41	2·01	3·79	4·89	35·41
1935 ..	4·70	2·67	0·78	1·32	1·04	0·07	1·89	0·44	2·67	4·13	0·23	5·48	25·42
1936 ..	3·99	1·88	2·60	0·16	0·94	1·50	1·43	0·00	1·29	0·16	1·48	4·07	19·50
1937 ..	2·57	2·66	7·31	1·44	0·44	0·65	1·00	1·94	0·21	4·25	4·51	4·28	31·26
Average for 48 years	5·01	4·06	3·38	2·19	1·47	1·86	1·40	1·08	1·68	2·17	2·95	4·17	31·42

† 1909, February to April—Estimated from Grandchester and Forest Hill.

* Incomplete, not used in determining Averages.

MANLY. (*Brisbane*). *Moreton* (40).

Height above M.S.L., 87 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1898 ..	..	..	..	..	..	..	..	..	..	*1·55	*4·80	*3·27	..
1899 ..	3·88	2·13	1·53	3·04	2·14	2·94	4·42	2·22	2·65	1·34	1·80	8·51	37·50
1900 ..	6·85	3·35	3·21	1·77	5·25	2·44	5·44	0·60	1·41	0·47	1·87	0·70	33·36
1901 ..	3·05	4·77	11·86	3·12	5·08	3·92	1·17	3·96	1·60	4·85	0·87	0·35	44·60
1902 ..	1·86	3·11	0·37	0·17	†0·24	†0·14	†0·68	†0·79	†2·39	†1·73	†3·83	†2·11	17·42
1903 ..	2·30	6·49	6·34	1·87	9·11	1·17	5·88	3·31	4·59	3·32	4·95	2·86	52·19
1904 ..	2·36	0·93	8·28	8·16	6·64	0·08	2·00	0·75	1·55	1·19	2·70	2·93	37·57
1905 ..	6·44	2·33	3·04	3·96	1·98	0·18	0·19	0·74	1·38	3·28	3·94	8·88	36·34
1906 ..	3·69	15·32	4·80	0·67	3·26	1·41	0·25	3·63	3·67	2·84	1·58	2·77	43·89
1907 ..	2·34	6·45	4·76	0·78	5·07	3·64	0·83	0·94	0·03	1·11	3·13	3·75	32·83
1908 ..	3·23	8·87	18·80	3·30	3·96	0·21	0·66	4·34	0·47	0·51	0·99	0·92	46·26
1909 ..	1·87	1·69	2·32	6·20	0·37	2·38	2·49	2·51	1·35	1·26	1·04	7·46	30·94
1910 ..	7·29	4·76	7·79	0·69	1·45	8·77	0·28	0·30	1·95	3·27	2·42	10·83	49·80
1911 ..	9·80	6·97	3·50	1·37	0·78	0·00	1·65	2·61	0·51	5·17	0·55	0·58	33·49
1912 ..	1·53	2·15	9·42	0·48	0·12	6·29	2·09	0·95	0·37	5·85	3·15	5·37	37·77
1913 ..	7·49	7·32	3·52	8·43	4·22	4·83	2·58	0·00	1·18	0·44	2·35	2·22	44·58
1914 ..	2·62	4·65	4·23	0·49	3·37	5·48	1·56	0·25	0·09	2·30	0·66	2·04	27·74
1915 ..	2·26	11·67	0·00	1·53	3·00	1·07	1·86	2·55	1·23	0·06	1·43	1·82	28·48
1916 ..	2·33	6·15	1·90	9·44	1·99	1·91	2·07	1·65	2·84	3·54	6·98	3·88	44·68
1917 ..	9·53	1·21	4·49	0·71	0·68	0·00	0·48	0·67	5·22	0·92	10·64	5·31	39·86
1918 ..	10·13	3·03	3·63	3·79	2·75	0·00	0·22	1·78	2·80	1·26	1·11	0·85	31·35
1919 ..	0·12	2·44	7·56	3·99	6·54	1·24	0·60	0·86	0·00	1·03	0·11	1·24	25·73
1920 ..	16·27	1·38	1·79	2·77	3·20	4·90	3·70	1·20	2·52	1·91	4·10	2·45	46·19
1921 ..	5·53	1·08	6·45	7·26	0·93	10·00	9·89	0·38	1·56	1·09	3·70	9·42	57·29
1922 ..	2·84	11·02	1·45	0·03	4·04	2·12	6·04	0·14	4·62	1·07	1·71	4·89	39·97
1923 ..	2·69	1·23	4·53	10·63	0·34	3·52	3·31	1·47	0·91	0·37	1·75	7·60	38·35
1924 ..	2·73	10·62	3·96	3·31	3·20	7·39	6·92	0·86	1·44	1·61	11·50	3·39	56·93
1925 ..	10·34	3·02	13·45	0·86	11·12	10·02	0·55	3·14	0·54	0·05	8·39	5·61	67·09
1926 ..	2·54	0·62	1·96	4·18	2·15	6·06	0·85	0·78	3·09	0·97	1·22	8·88	33·30
1927 ..	20·62	4·70	6·30	2·42	0·00	3·04	0·61	0·07	1·56	6·41	6·07	6·01	57·81
1928 ..	6·11	15·37	2·23	16·30	2·51	2·86	1·28	1·06	0·52	1·19	2·98	1·97	54·38
1929 ..	3·50	8·46	8·81	7·95	0·88	11·31	0·55	0·65	0·51	3·65	1·95	2·13	50·35
1930 ..	8·05	1·95	3·92	1·89	6·93	7·01	1·00	1·72	1·44	2·63	1·13	1·78	39·45
1931 ..	5·25	20·87	11·41	5·33	2·63	1·11	1·65	1·76	0·80	0·70	5·28	9·05	65·84
1932 ..	0·75	1·10	1·02	5 67	1·42	0·86	0·67	0·14	3·91	2·15	2·24	2 71	22·64
1933 ..	8·04	3·87	1·52	9·46	0·22	1·97	3·17	1·02	2·39	3·67	6·20	6·09	47·62
1934 ..	3·45	15·63	1·57	14·00	3·10	0·65	5·29	1·31	0·80	1·43	6·36	11·06	64·65
1935 ..	8·10	12·85	1·47	2·75	1·84	0·00	2·73	1·60	3·00	14·18	0·71	3·37	52·60
1936 ..	5·21	2·97	6·73	0·42	4·26	2·13	1·20	0·00	0·47	0·09	0·88	1·71	26·07
1937 ..	1·70	5·25	8·09	0·42	0·46	1·11	2·34	2·28	0·27	4·01	7·65	4·74	38·32
Average for 39 years	5·25	5·84	5·08	4·12	3·01	3·18	2·29	1·41	1·73	2·38	3·33	4·31	41·93

† 1902, May–December.—Estimated from Brisbane and Cleveland

MARYBOROUGH. *Moreton* (40).

Height above M.S.L., 27 feet at Railway Station.

1870 ..	..	*9·69	*40·43	*4·27	*6·53	*2·90	*7·19	*3·33	*1·00	*4·65	*3·67	*2·30	..
1871 ..	10·23	1·35	5·45	2·41	0·91	0·10	1·08	0·12	1·32	5·54	3·09	2·95	34·55
1872 ..	19·20	9·54	4·27	0·97	1·86	1·66	1·84	2·05	0·97	2·42	4·69	6·81	56·28
1873 ..	4·33	10·88	8·72	2·76	2·00	10·25	0·55	4·69	1·43	1·46	7·50	7·36	61·95
1874 ..	11·82	3·22	4·96	5·92	1·19	2·27	3·52	1·88	2·56	1·18	1·80	2·51	42·83
1875 ..	3·74	25·43	16·51	2·46	6·50	2·14	4·67	0·39	0·57	6·36	6·60	3·78	79·15
1876 ..	4·17	2·96	2·23	7·10	11·30	2·79	3·20	0·86	0·04	2·99	0·34	4·98	42·96
1877 ..	11·48	0·29	5·75	1·50	0·63	1·84	4·23	3·60	2·82	4·00	5·05	1·78	42·97
1878 ..	3·58	9·63	3·16	0·85	4·73	2·05	0·05	0·60	2·32	0·00	2·29	11·10	40·36
1879 ..	6·08	5·77	4·59	5·55	4·34	3·19	3·45	12·71	3·83	3·24	4·45	5·79	62·99
1880 ..	3·06	8·21	4·87	9·24	0·48	0·20	1·46	0·00	2·33	4·32	5·29	5·23	44·69
1881 ..	5·03	2·58	4·58	3·15	2·86	2·86	0·00	1·17	3·64	2·19	2·39	1·01	31·46
1882 ..	0·20	6·49	7·47	1·98	0·50	3·01	0·52	1·26	0·91	19·60	1·18	11·86	54·98
1883 ..	8·18	7·04	1·81	1·39	2·17	0·50	0·29	1·75	1·50	2·56	0·28	3·11	30·58
1884 ..	3·84	2·43	3·64	3·35	6·04	1·45	1·83	0·55	0·38	1·92	6·93	3·14	35·50
1885 ..	2·92	2·45	9·81	0·83	2·18	4·11	0·00	0·92	3·83	2·41	2·96	2·14	34·56
1886 ..	7·08	3·78	3·96	4·29	3·44	8·59	3·71	2·22	5·30	1·15	3·71	5·27	52·50
1887 ..	4·54	12·95	12·22	7·46	0·65	0·32	2·92	3·35	2·08	0·35	3·70	3·51	54·05
1888 ..	1·28	10·93	0·86	2·91	1·06	0·64	0·23	1·19	0·56	0·85	1·56	4·07	26·14
1889 ..	0·63	0·78	6·34	7·91	4·06	0·43	6·18	2·83	2·95	1·31	3·15	6·74	43·31
1890 ..	9·61	7·40	14·30	5·61	4·71	2·43	0·66	1·46	3·02	0·23	3·67	4·15	57·25
1891 ..	4·06	0·74	5·22	3·12	5·95	10·75	1·52	2·96	1·54	1·66	2·97	8·31	48·80
1892 ..	3·21	1·46	17·40	6·77	2·94	1·10	1·98	1·05	2·06	7·02	4·04	6·48	55·51
1893 ..	17·10	30·41	4·86	2·11	1·91	11·65	4·68	4·82	1·22	0·96	5·48	1·42	86·62
1894 ..	18·25	4·30	12·87	2·91	3·86	2·27	0·05	0·48	3·23	1·81	2·85	3·00	55·88
1895 ..	30·06	5·52	1·92	3·42	0·55	0·17	2·41	0·24	2·18	0·91	2·59	8·36	58·33
1896 ..	6·87	21·87	2·23	2·05	2·52	0·90	1·55	0·77	0·43	0·19	4·55	2·92	46·85
1897 ..	2·68	3·94	6·61	0·18	0·46	1·95	5·73	1·16	3·39	6·51	0·77	7·06	40·44
1898 ..	9·64	7·81	20·49	1·86	2·75	2·67	0·39	1·56	2·25	1·78	3·25	3·56	58·01
1899 ..	8·04	5·87	5·91	4·59	3·35	4·20	1·71	1·49	2·29	1·20	0·51	4·13	43·29
1900 ..	4·88	1·78	3·26	1·17	4·33	1·21	4·32	0·57	3·55	1·22	0·68	1·18	28·15
1901 ..	5·03	5·51	11·76	5·56	4·09	2·22	3·06	5·87	1·05	1·54	1·84	1·54	49·07
1902 ..	1·29	0·75	0·96	1·57	0·36	0·24	0·29	0·57	0·69	0·91	1·11	4·02	12·76
1903 ..	2·09	2·76	3·23	0·66	11·33	1·60	6·17	1·09	1·93	2·62	3·96	5·04	42·48
1904 ..	2·64	0·56	3·94	10·07	4·42	1·37	0·39	0·46	0·62	3·52	2·62	2·33	32·94
1905 ..	20·69	2·67	2·78	3·48	3·56	1·21	0·07	0·26	1·04	2·48	1·25	4·66	44·15
1906 ..	3·86	8·34	6·77	1·02	4·85	2·64	0·15	2·31	6·48	1·22	2·49	4·39	44·52
1907 ..	5·52	7·84	10·28	1·25	3·21	6·05	0·64	0·93	0·25	2·73	3·49	5·81	48·00
1908 ..	5·77	10·24	11·23	2·67	2·25	0·36	0·81	1·86	1·05	1·84	2·01	1·64	41·73
1909 ..	8·51	7·11	2·46	2·49	0·93	2·56	5·09	2·53	1·56	0·51	3·94	6·86	44·55
1910 ..	5·65	3·14	5·18	1·72	0·64	5·74	1·57	0·35	1·22	1·53	5·26	3·19	35·19
1911 ..	16·93	6·61	7·20	2·61	0·16	0·11	0·79	1·47	0·09	3·04	0·90	4·98	44·89

Continued in next column.

MARYBOROUGH. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1912 ..	2·39	3·93	13·18	0·32	1·09	9·16	2·02	1·26	0·06	5·54	4·16	3·19	46·30
1913 ..	23·57	6·21	1·73	5·00	7·21	3·48	2·26	0·00	1·41	3·51	2·82	6·44	63·04
1914 ..	2·70	11·95	12·89	1·89	1·77	6·44	0·68	1·62	2·35	5·00	0·54	1·89	49·72
1915 ..	3·41	7·66	0·29	1·03	2·23	0·84	1·60	1·21	2·94	0·11	1·29	2·37	24·98
1916 ..	1·91	7·54	3·48	5·07	5·76	3·21	2·83	2·66	3·82	5·70	6·84	5·59	54·41
1917 ..	5·90	2·68	6·04	1·30	2·54	0·27	0·53	2·36	3·63	1·79	8·93	5·22	41·19
1918 ..	14·54	7·39	4·94	3·35	1·95	0·00	0·46	1·36	1·75	0·55	0·24	2·24	38·77
1919 ..	0·57	2·40	4·97	2·93	6·35	0·81	0·55	1·42	0·00	2·92	0·21	0·30	23·43
1920 ..	12·37	1·22	2·24	2·41	3·71	3·44	1·58	1·90	2·25	4·28	2·65	10·08	48·13
1921 ..	7·56	2·00	5·02	9·76	2·21	3·89	3·37	1·31	2·90	1·16	3·82	11·75	54·75
1922 ..	7·01	9·98	0·80	0·34	1·88	2·80	2·47	0·45	1·22	0·28	2·13	6·59	35·95
1923 ..	5·26	5·14	2·41	9·62	1·52	4·39	3·24	0·76	2·23	0·92	2·24	8·32	46·05
1924 ..	2·44	10·04	7·37	2·54	1·65	1·35	4·69	1·62	3·57	4·27	4·36	4·47	48·37
1925 ..	13·79	4·70	6·90	1·72	1·18	8·73	0·34	1·60	0·67	0·82	6·41	6·43	53·29
1926 ..	4·91	0·53	3·41	4·68	9·64	2·59	0·99	0·04	3·50	1·05	0·12	21·71	53·17
1927 ..	17·18	6·14	7·75	4·21	0·12	3·96	0·81	0·86	2·09	7·05	3·86	3·84	57·87
1928 ..	6·41	17·37	2·79	13·34	1·16	5·74	1·20	0·42	0·41	0·48	0·91	5·10	55·33
1929 ..	4·18	3·21	2·50	12·75	0·25	2·55	0·03	0·70	0·36	4·06	4·26	2·45	37·30
1930 ..	11·34	5·00	3·05	2·70	5·66	11·37	0·96	3·43	0·98	0·79	4·61	1·86	51·75
1931 ..	1·34	23·56	5·56	2·89	2·46	1·63	0·81	2·87	0·75	1·28	4·49	8·95	56·59
1932 ..	0·62	1·35	0·18	7·73	1·17	2·25	0·21	0·67	2·95	5·90	1·80	4·25	29·08
1933 ..	5·61	5·38	0·96	3·65	0·95	2·28	3·30	1·80	3·73	8·28	8·84	9·67	54·45
1934 ..	2·44	21·16	2·53	10·12	3·24	1·49	2·17	2·02	1·16	3·88	5·77	6·96	62·94
1935 ..	4·66	7·04	1·52	6·35	2·54	0·02	3·86	1·16	3·33	1·94	1·52	5·51	39·45
1936 ..	2·86	2·46	5·32	1·42	2·95	4·61	1·48	0·00	0·18	1·10	2·09	3·93	28·40
1937 ..	1·45	6·59	13·03	3·03	0·26	1·63	2·54	0·89	0·16	1·81	3·97	3·23	38·59
Average for 67 years	7·02	6·81	5·86	3·87	2·95	3·00	1·92	1·65	1·92	2·74	3·23	5·08	46·05

MUNDOOLUN. *Moreton* (40).

Height above M.S.L., — feet.

1881 ..	3·59	2·52	2·11	0·74	3·00	0·70	0·28	0·77	1·51	2·28	3·21	1·13	21·82
1882 ..	2·06	7·39	1·74	3·19	0·38	2·71	2·07	1·11	1·12	12·19	1·07	3·89	38·92
1883 ..	7·29	2·78	1·28	1·48	1·52	0·26	0·22	1·08	1·25	2·68	0·50	3·16	23·50
1884 ..	0·67	2·06	2·73	2·83	10·43	1·80	3·67	1·58	1·47	0·55	5·84	5·17	38·80
1885 ..	3·77	3·59	0·69	1·49	1·19	2·33	0·05	0·12	1·35	0·35	3·94	3·05	21·92
1886 ..	4·60	4·37	2·27	2·37	6·08	3·94	3·26	3·07	3·85	3·30	4·74	1·90	43·75
1887 ..	27·86	4·57	7·15	1·48	2·20	0·21	7·90	7·53	1·14	2·34	3·53	2·94	68·85
1888 ..	2·17	11·94	0·50	0·60	0·35	0·37	0·02	0·55	3·51	0·65	2·44	5·28	28·38
1889 ..	2·99	2·30	3·13	4·75	4·82	0·81	8·85	3·34	3·85	4·08	8·13	3·17	50·25
1890 ..	8·36	8·23	21·46	7·27	1·42	0·78	0·19	0·26	3·07	2·29	5·18	3·94	62·42
1891 ..	4·93	2·02	3·04	1·44	2·15	3·91	2·35	3·40	3·62	4·02	3·01	3·61	37·50
1892 ..	5·07	0·91	9·40	12·77	3·92	3·21	1·06	1·05	1·51	6·67	2·28	3·31	51·16
1893 ..	9·03	28·18	8·93	2·76	2·63	8·41	2·02	2·93	1·49	2·72	3·06	0·59	72·75
1894 ..	8·05	2·07	7·96	2·94	1·75	1·72	0·00	1·57	3·99	2·60	2·78	4·74	40·17
1895 ..	16·05	0·66	0·28	2·96	0·34	0·00	0·44	0·43	1·76	1·58	4·82	9·44	38·76
1896 ..	3·13	14·37	2·90	1·45	0·78	0·77	2·51	0·24	1·70	0·82	6·26	5·90	40·83
1897 ..	2·27	2·54	4·91	0·13	1·10	1·53	3·84	1·69	4·39	4·31	2·66	10·22	39·59
1898 ..	9·32	10·09	6·66	0·51	1·11	1·44	0·35	2·50	2·92	0·80	2·12	1·91	39·73
1899 ..	9·05	1·36	0·69	3·63	1·53	2·13	4·36	1·44	2·72	2·12	1·13	6·69	36·85
1900 ..	2·93	3·99	3·26	0·51	6·33	2·26	3·53	1·16	1·51	0·14	2·58	1·07	29·27
1901 ..	6·91	2·36	11·73	3·82	2·17	3·00	1·05	3·83	1·14	3·66	0·49	0·19	40·35
1902 ..	1·76	1·54	0·55	0·59	0·10	0·39	0·40	0·83	0·64	3·61	3·78	3·58	17·77
1903 ..	1·29	3·66	3·41	1·46	10·01	0·62	5·32	1·93	4·16	3·14	4·43	1·25	40·68
1904 ..	2·45	0·60	4·04	6·58	3·73	0·26	0·95	0·77	2·73	2·91	2·28	3·27	30·57
1905 ..	6·56	4·12	4·05	4·05	1·61	0·55	0·36	0·97	0·89	2·97	2·80	3·95	32·88
1906 ..	7·24	6·42	7·66	0·79	3·21	0·93	0·09	2·33	3·66	4·45	1·51	5·36	43·65
1907 ..	2·87	4·85	5·24	0·41	3·89	3·65	0·73	1·75	0·04	1·82	3·39	6·67	36·31
1908 ..	2·08	6·51	10·16	1·79	1·49	0·39	0·74	5·53	1·54	1·12	2·29	2·08	35·72
1909 ..	1·17	2·66	2·31	5·65	0·91	1·48	2·30	1·23	0·84	1·71	4·01	5·58	29·85
1910 ..	7·34	2·08	2·64	1·01	0·23	4·75	1·13	0·24	2·21	4·58	3·40	7·56	37·17
1911 ..	8·68	3·28	4·27	2·88	1·27	0·04	2·44	1·47	0·99	2·85	0·87	2·60	31·64
1912 ..	2·58	6·28	7·98	1·17	0·00	5·92	2·54	1·20	0·42	3·03	2·49	1·81	35·42
1913 ..	3·20	4·04	3·93	3·40	4·42	4·08	0·57	0·00	2·93	0·98	1·26	4·84	33·65
1914 ..	4·04	2·66	5·51	0·90	2·36	4·44	1·37	0·11	0·87	3·94	2·00	1·99	30·19
1915 ..	3·16	4·70	0·33	0·47	4·91	0·00	1·96	3·00	1·65	0·37	1·62	2·75	24·92
1916 ..	3·40	6·88	1·29	9·24	0·97	2·09	1·35	1·86	3·11	3·57	5·37	4·52	43·65
1917 ..	7·66	2·16	2·74	0·12	0·23	0·11	0·20	0·20	4·73	1·59	12·59	4·97	37·30
1918 ..	4·45	2·02	2·76	1·47	1·76	0·52	0·23	1·31	0·72	0·38	1·38	1·45	18·45
1919 ..	0·04	0·43	5·34	1·46	6·15	0·44	0·15	0·60	0·10	0·93	0·51	3·29	19·44
1920 ..	11·18	0·91	2·54	1·77	1·73	2·36	3·25	1·65	1·55	2·99	4·89	3·97	38·79
1921 ..	4·94	0·67	5·26	3·71	1·42	7·14	6·97	0·17	1·75	2·08	1·38	11·79	47·28
1922 ..	3·92	5·80	3·09	0·01	1·80	0·40	3·67	1·44	1·45	2·25	2·52	5·42	31·77
1923 ..	1·25	0·47	1·73	2·94	0·16	2·66	1·57	0·73	2·23	0·48	1·37	5·61	21·20
1924 ..	2·62	6·21	1·22	2·83	0·46	3·45	4·70	1·45	3·39	2·58	5·73	3·79	38·43
1925 ..	4·79	3·27	6·92	0·22	4·89	5·47	0·57	2·57	0·15	0·06	7·39	4·96	41·26
1926 ..	2·76	0·02	1·51	0·98	1·13	4·01	0·75	0·61	1·58	0·89	0·75	5·42	20·41
1927 ..	15·69	3·98	4·02	2·01	0·00	1·79	0·51	0·05	1·54	5·15	6·42	5·53	46·69
1928 ..	5·54	15·25	1·28	12·40	1·18	2·20	0·77	0·56	0·24	0·49	1·48	4·38	45·77
1929 ..	4·62	7·66	7·07	6·38	0·42	3·42	0·61	0·96	0·32	3·03	1·68	3·27	39·44
1930 ..	8·41	2·43	3·04	1·88	7·20	7·37	1·33	1·40	0·99	4·36	2·02	1·36	41·79
1931 ..	2·61	15·57	8·36	4·05	1·99	0·38	1·49	0·61	0·71	0·81	5·72	5·60	47·90
1932 ..	0·88	3·15	1·76	5·12	1·01	0·39	0·88	0·43	3·23	2·01	2·93	2·41	24·20
1933 ..	11·16	2·96	0·41	6·54	0·86	0·90	3·57	0·11	1·53	2·89	5·71	2·96	39·60
1934 ..	3·91	9·12	0·32	5·29	1·66	1·02	3·62	2·06	1·35	1·94	2·14	5·34	37·77
1935 ..	3·50	9·66	2·04	3·80	1·64	0·00	1·99	0·97	2·39	7·48	1·10	6·91	41·48
1936 ..	3·34	1·34	2·81	0·07	2·50	2·15	1·54	0·40	1·32	0·79	1·33	2·18	19·77
1937 ..	0·57	2·63	5·51	0·64	0·31	0·93	0·82	2·43	0·15	1·98	9·29	4·55	29·81
Average for 57 years	5·29	4·81	4·14	2·86	2·33	2·09	1·92	1·47	1·88	2·57	3·32	4·11	36·79

* Incomplete, not used in determining Averages.

MUNGAR JUNCTION. *Moreton* (40).

Height at M.S.L., 68 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1894 ..	†10·52	2·39	11·39	3·30	2·12	3·10	0·03	0·27	2·68	2·70	1·58	3·02	43·10
1895 ..	28·63	4·50	1·49	2·56	0·45	1·95	3·99	1·07	0·21	2·09	2·09	7·81	56·84
1896 ..	6·42	23·04	2·16	1·37	1·96	0·47	1·32	0·68	0·71	0·46	4·13	2·57	45·29
1897 ..	3·51	6·63	6·70	0·00	0·21	2·94	6·33	1·39	2·88	3·09	0·78	4·22	38·68
1898 ..	15·36	9·30	18·82	1·34	2·92	2·89	0·20	3·04	3·13	1·92	2·27	4·79	65·98
1899 ..	9·33	3·93	4·69	4·58	3·98	2·66	2·84	1·77	2·02	1·59	0·85	4·21	42·45
1900 ..	5·86	1·71	1·77	1·34	3·91	1·31	3·49	1·36	3·11	1·92	0·56	2·84	29·18
1901 ..	7·17	4·01	15·62	5·37	3·41	3·45	2·98	6·44	1·44	2·08	0·79	0·67	53·43
1902 ..	2·44	0·68	1·51	0·78	1·24	0·13	0·42	0·18	0·28	0·88	0·22	5·18	13·94
1903 ..	2·61	3·16	4·96	0·19	8·43	1·27	3·89	2·18	2·52	2·24	3·23	4·58	39·26
1904 ..	2·99	0·35	1·57	11·08	4·38	1·28	0·60	0·15	0·77	2·62	4·36	2·47	32·62
1905 ..	24·33	2·61	3·73	3·99	2·84	0·81	0·95	0·20	0·94	3·08	0·68	5·33	49·49
1906 ..	6·08	8·26	2·88	0·88	6·60	2·26	0·23	2·56	5·99	4·30	1·74	9·47	51·25
1907 ..	3·70	6·23	11·46	1·57	2·86	6·02	0·71	0·94	0·50	3·50	4·40	5·50	47·39
1908 ..	5·50	13·45	8·34	3·57	2·13	0·32	0·78	2·25	0·32	1·96	2·16	1·94	42·72
1909 ..	10·53	4·21	3·30	5·35	1·02	2·98	4·68	1·72	1·63	0·75	4·26	6·83	47·26
1910 ..	5·15	2·72	6·21	2·34	0·46	6·75	0·55	0·82	0·70	1·70	3·40	5·76	36·56
1911 ..	11·06	5·95	8·36	2·74	0·15	0·03	0·72	0·72	0·00	3·24	0·56	4·26	37·79
1912 ..	3·51	2·55	9·04	0·36	0·77	8·91	1·74	0·89	0·14	4·45	3·81	3·65	39·82
1913 ..	21·09	6·50	1·93	4·17	7·36	3·59	2·10	0·00	1·80	1·76	4·63	5·09	60·02
1914 ..	2·24	10·09	12·28	0·79	2·08	6·14	0·25	1·80	0·75	5·27	0·72	0·70	43·11
1915 ..	4·48	7·23	0·20	0·95	1·52	0·72	1·35	0·95	2·57	0·60	1·73	2·76	25·06
1916 ..	1·56	4·67	4·71	3·51	4·52	2·97	3·62	1·80	3·70	6·83	6·42	4·17	48·48
1917 ..	5·45	5·59	4·12	1·12	1·97	0·24	0·87	1·80	4·89	1·46	7·75	3·69	38·95
1918 ..	13·33	5·47	2·17	3·72	1·24	0·00	0·00	1·40	0·57	0·00	0·30	1·47	29·67
1919 ..	0·00	3·01	3·32	2·95	5·65	0·00	0·00	2·67	0·00	5·86	0·09	0·75	24·30
1920 ..	12·77	1·60	1·62	1·44	1·85	3·78	1·71	1·74	2·24	5·27	4·36	5·79	44·17
1921 ..	7·24	3·13	6·09	9·17	3·04	5·01	3·79	1·26	2·91	1·18	3·43	12·73	58·98
1922 ..	3·84	5·97	2·29	0·13	1·41	2·90	2·49	0·35	1·31	0·34	1·76	9·40	32·19
1923 ..	5·50	1·54	2·93	8·05	0·91	4·19	2·20	0·38	1·72	0·97	1·34	8·57	38·30
1924 ..	2·47	11·03	5·52	2·84	1·23	1·12	4·19	0·74	2·36	5·49	4·31	4·54	45·84
1925 ..	10·22	4·16	5·57	1·25	0·55	8·08	0·23	0·70	0·35	0·66	2·42	5·87	40·06
1926 ..	7·31	1·19	2·36	3·33	6·85	3·35	1·45	0·00	3·83	0·44	0·00	19·74	49·85
1927 ..	20·26	4·81	5·75	3·01	0·00	2·51	0·82	0·43	1·94	4·56	3·05	4·36	51·50
1928 ..	6·47	19·86	2·18	15·68	1·06	6·16	2·35	0·40	0·25	0·60	0·83	3·27	59·11
1929 ..	5·69	11·18	3·68	11·00	0·30	1·60	0·00	0·60	0·00	3·02	3·45	3·20	43·72
1930 ..	12·99	4·36	2·27	2·01	2·24	12·57	1·80	2·34	0·68	0·58	3·87	2·47	48·18
1931 ..	2·91	20·66	5·19	3·69	3·49	1·93	0·79	2·35	1·09	1·37	4·60	5·47	53·54
1932 ..	0·30	1·66	1·70	8·99	1·17	1·86	0·17	0·45	2·38	4·74	2·23	3·17	28·82
1933 ..	5·46	3·61	0·97	2·80	1·30	3·00	3·85	1·63	3·42	8·97	8·20	7·57	50·78
1934 ..	1·07	17·83	2·19	8·14	2·00	2·20	2·19	2·31	0·79	3·65	7·66	8·65	58·68
1935 ..	4·22	4·64	1·35	4·19	2·55	0·00	3·31	1·71	4·00	2·49	1·20	8·67	38·33
1936 ..	4·68	3·50	5·91	1·10	2·27	4·43	1·55	0·00	0·16	1·44	2·71	3·01	30·76
1937 ..	2·75	5·55	15·38	2·08	0·70	1·30	2·42	2·06	0·00	2·71	4·63	3·57	43·15
Average for 44 years	7·48	6·24	5·13	3·61	2·43	2·93	1·82	1·33	1·67	2·61	2·81	5·09	43·15

† Record taken from Tiaro.

MURPHY'S CREEK. *Moreton* (40).

Height above M.S.L., 792 feet at Railway Station.

1895 ..	..	..	..	..	..	..	*1·23	*0·36	*0·95	*1·62	*4·56	*7·61	..
1896 ..	3·39	10·29	0·84	0·48	0·74	0·40	3·20	0·13	0·11	2·24	4·13	4·85	30·80
1897 ..	2·34	2·78	3·15	0·00	0·00	1·87	3·57	1·19	2·51	6·77	0·08	7·21	31·47
1898 ..	15·19	1·90	4·34	0·50	0·85	1·50	0·28	0·85	1·40	2·48	2·28	1·06	32·63
1899 ..	4·08	2·31	0·34	2·99	0·04	1·40	1·69	1·12	2·75	2·23	3·34	4·28	26·57
1900 ..	1·89	2·37	3·50	1·72	4·35	1·61	2·75	0·96	1·40	0·05	1·88	1·49	23·97
1901 ..	3·25	0·77	5·95	2·54	0·84	2·46	2·77	4·10	1·05	3·55	2·14	0·30	29·72
1902 ..	5·24	1·63	0·00	0·56	0·00	0·18	0·46	0·36	0·35	3·51	2·36	4·76	19·41
1903 ..	1·23	3·04	1·62	0·57	7·62	0·31	4·01	2·11	3·39	2·22	4·57	1·37	32·06
1904 ..	3·09	2·11	4·87	1·59	3·52	0·12	2·33	0·00	1·66	1·50	1·65	3·04	25·48
1905 ..	3·85	0·42	1·12	2·38	2·48	0·35	0·53	0·20	0·56	2·00	4·55	2·12	20·56
1906 ..	6·57	6·64	9·45	0·02	1·61	0·51	0·92	3·38	3·57	1·74	1·19	3·21	38·81
1907 ..	4·65	3·61	4·29	0·00	3·35	1·84	0·59	0·63	0·13	0·46	4·28	2·33	26·16
1908 ..	0·40	8·54	11·44	0·17	0·26	0·18	0·19	2·51	1·04	1·27	5·24	1·14	32·38
1909 ..	1·62	3·21	1·00	3·92	0·36	1·00	1·75	2·42	1·76	2·00	0·76	5·24	25·04
1910 ..	8·44	1·85	3·27	0·66	0·51	5·46	1·47	0·49	1·38	3·60	1·35	4·57	33·05
1911 ..	8·82	4·51	2·64	1·01	0·81	0·00	0·44	0·56	0·60	4·03	1·21	0·28	24·91
1912 ..	1·19	2·72	6·75	0·00	0·00	5·38	0·95	1·20	0·50	3·23	2·53	1·08	25·53
1913 ..	5·13	0·71	1·00	0·93	2·76	4·13	0·25	0·00	0·93	1·70	0·36	1·73	19·63
1914 ..	4·67	3·84	2·55	0·76	2·39	1·60	0·96	0·00	0·75	2·89	1·76	5·15	27·32
1915 ..	5·30	3·36	0·00	1·34	0·71	0·00	0·93	0·56	1·12	0·07	1·81	1·79	16·99
1916 ..	1·56	2·39	2·06	4·65	0·48	1·45	1·70	1·35	1·46	3·48	6·36	1·60	28·54
1917 ..	3·21	3·97	1·76	0·61	0·00	0·00	0·48	1·10	5·39	2·06	7·31	5·47	31·36
1918 ..	4·04	1·50	0·38	0·77	0·05	0·00	0·00	0·24	0·20	1·62	0·68	1·66	11·14
1919 ..	0·72	0·67	4·67	0·62	3·53	0·54	0·00	0·45	0·09	0·42	0·58	1·39	13·68
1920 ..	7·35	0·30	1·50	1·49	2·38	1·68	3·76	1·66	1·93	3·55	3·70	1·45	30·75
1921 ..	2·26	0·62	3·02	1·77	1·62	5·37	3·50	0·50	1·68	0·15	0·72	7·13	28·35
1922 ..	3·09	3·71	0·25	0·00	0·00	0·84	2·82	0·18	2·14	2·04	2·14	3·18	20·39
1923 ..	1·98	0·00	0·82	0·63	0·00	2·12	0·61	0·32	0·83	1·69	0·00	7·18	16·18
1924 ..	3·32	6·63	3·71	0·85	0·00	1·33	2·61	1·37	2·25	1·67	4·84	4·12	32·70
1925 ..	6·08	1·96	4·20	0·00	1·55	4·45	0·69	2·28	1·05	0·12	5·36	3·56	31·30
1926 ..	3·79	2·91	0·88	0·91	0·58	2·56	0·58	0·25	1·76	0·46	2·72	5·24	22·64
1927 ..	10·52	3·62	3·54	2·94	0·00	4·16	0·40	0·40	0·97	2·85	4·39	3·41	37·20
1928 ..	5·68	11·87	0·98	8·69	1·57	1·79	1·31	0·59	0·14	1·81	1·91	4·73	41·07
1929 ..	3·83	5·25	5·70	3·56	0·00	1·82	0·50	0·83	0·12	2·66	1·95	2·96	29·18
1930 ..	4·42	3·07	0·55	2·09	3·24	6·95	1·22	1·14	1·06	1·63	1·45	2·52	29·34
1931 ..	6·74	11·94	4·09	1·56	1·00	0·81	1·79	0·25	0·83	0·90	5·46	8·80	44·17
1932 ..	1·27	1·27	0·98	4·09	0·73	1·32	0·60	0·55	2·33	3·96	4·60	2·62	24·32
1933 ..	5·78	2·78	0·00	2·66	0·38	0·56	3·55	0·97	2·26	3·85	6·04	5·14	33·97
1934 ..	4·57	6·61	0·09	4·70	1·65	0·66	3·46	0·95	0·30	1·86	2·99	5·46	33·30
1935 ..	5·48	2·34	0·05	1·79	1·90	0·00	2·22	0·36	3·00	3·92	0·29	3·33	24·68
1936 ..	5·88	0·84	3·89	0·67	0·37	1·73	2·07	0·00	1·89	0·33	2·32	5·83	25·82
1937 ..	0·91	1·61	7·12	0·38	0·36	1·06	0·92	1·71	0·31	4·45	4·12	2·76	25·71
Average for 42 years	4·35	3·39	2·82	1·61	1·30	1·70	1·54	0·96	1·40	2·22	2·80	3·49	27·58

NANANGO. *Moreton* (40).

Height above M.S.L., 1,132 feet at Railway Station.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1882 ..	4·03	4·73	1·30	1·66	0·88	3·18	1·51	0·69	0·75	6·94	0·87	8·32	34·86
1883 ..	5·15	3·85	2·86	1·00	3·99	0·20	0·25	0·58	0·63	1·70	1·66	2·50	24·37
1884 ..	2·49	3·18	2·45	1·94	2·55	1·55	4·22	0·43	1·16	1·48	6·25	4·00	31·70
1885 ..	1·93	3·38	1·80	0·53	1·08	2·12	0·03	0·97	1·85	1·59	1·35	3·19	19·82
1886 ..	5·51	3·87	2·41	0·67	1·99	4·55	3·75	5·09	2·34	2·06	5·37	1·55	39·16
1887 ..	9·03	8·32	9·70	2·60	0·57	0·41	3·35	3·17	2·81	2·45	3·38	1·24	47·03
1888 ..	3·24	8·02	0·35	0·76	1·80	0·08	0·00	1·00	0·54	0·71	1·99	4·42	22·91
1889 ..	1·99	3·67	2·45	4·27	4·27	1·04	8·85	1·94	3·64	1·29	6·21	2·45	42·07
1890 ..	17·67	6·87	10·95	3·87	2·10	1·19	0·54	0·76	3·14	1·01	2·38	2·57	53·05
1891 ..	4·94	0·32	2·09	1·69	2·32	4·06	1·55	3·52	1·10	2·40	1·26	4·88	30·13
1892 ..	3·14	21·11	6·48	7·06	2·65	1·69	1·70	0·93	1·94	6·28	5·06	7·43	45·47
1893 ..	5·79	0·39	1·00	1·05	0·40	11·17	5·15	3·50	1·00	1·55	1·05	1·50	53·55
1894 ..	5·83	5·63	4·90	4·25	0·60	1·72	0·00	0·50	2·95	0·75	0·65	2·75	30·53
1895 ..	11·55	0·50	0·15	1·70	0·30	0·00	0·18	0·05	3·14	1·37	2·77	7·45	29·16
1896 ..	3·00	16·42	0·10	0·00	0·25	0·00	0·75	0·03	0·20	0·05	3·87	1·45	26·12
1897 ..	1·70	4·15	2·07	0·00	0·50	0·80	3·05	0·80	2·60	2·60	1·00	9·65	28·92
1898 ..	11·20	3·70	14·74	0·05	1·85	0·55	0·00	0·70	2·90	2·15	1·75	3·80	43·39
1899 ..	4·25	1·46	1·25	2·95	2·00	0·80	0·50	2·94	2·25	2·77	3·77	3·75	28·69
1900 ..	1·05	2·95	2·25	1·90	3·75	1·12	2·65	2·86	3·00	0·00	3·25	0·60	25·38
1901 ..	1·43	1·37	3·76	3·50	1·55	2·75	1·25	3·55	2·05	3·42	1·40	1·60	27·63
1902 ..	1·26	4·01	1·20	0·75	0·30	0·00	0·06	0·47	1·40	0·80	1·78	5·15	17·18
1903 ..	1·70	1·83	2·13	0·66	4·47	0·38	5·60	2·83	3·81	5·11	2·61	0·38	31·51
1904 ..	3·50	2·87	3·12	2·87	3·21	0·48	1·79	0·31	0·57	6·79	1·30	3·27	30·08
1905 ..	6·10	0·50	3·85	5·30	2·05	0·78	0·45	0·47	0·75	2·47	1·68	6·60	31·00
1906 ..	3·95	8·01	8·26	0·26	2·49	1·05	1·05	2·92	3·42	3·21	2·13	3·03	39·78
1907 ..	2·30	5·23	3·69	0·19	2·73	4·46	0·87	0·29	0·54	1·29	2·96	3·46	28·01
1908 ..	1·76	9·64	6·57	1·45	0·19	0·49	0·66	2·40	1·68	0·83	3·90	1·89	31·46
1909 ..	2·95	2·74	1·93	3·04	0·93	2·47	3·21	3·39	1·06	2·07	0·52	7·60	31·91
1910 ..	3·78	0·98	5·84	0·48	0·18	4·47	0·87	0·87	2·54	2·58	3·18	3·28	29·05
1911 ..	7·82	3·10	2·03	1·15	0·55	0·03	0·72	0·35	0·67	3·35	2·37	1·93	24·07
1912 ..	2·80	3·44	5·67	0·20	0·16	6·31	1·97	1·25	0·37	3·95	0·83	1·29	28·24
1913 ..	5·31	5·89	0·75	1·39	3·76	4·54	0·65	0·09	2·98	0·27	0·48	3·01	29·12
1914 ..	3·25	3·36	5·34	0·94	1·39	3·25	1·29	0·18	0·15	3·12	0·48	3·67	26·42
1915 ..	2·15	4·12	0·12	0·96	0·74	0·26	1·20	1·45	2·43	0·83	1·59	4·05	19·90
1916 ..	2·36	2·21	2·19	6·36	0·96	2·37	3·62	1·25	2·98	5·87	7·34	3·39	40·90
1917 ..	7·98	1·68	3·10	0·42	0·46	0·09	0·52	0·79	7·11	1·97	8·56	4·52	37·20
1918 ..	7·69	2·91	2·24	1·33	0·48	0·28	0·15	1·78	1·30	1·02	1·07	1·83	22·08
1919 ..	0·18	2·58	4·93	1·38	2·94	0·70	0·12	0·96	0·29	0·75	0·65	0·51	15·99
1920 ..	6·85	0·61	1·28	2·17	1·87	3·14	3·13	2·21	2·48	2·66	3·08	1·28	30·76
1921 ..	3·31	0·93	0·28	2·11	1·66	7·63	3·52	0·45	1·66	0·99	1·09	13·11	42·74
1922 ..	3·22	2·66	0·60	0·07	0·16	1·47	2·53	0·58	1·06	1·40	2·25	5·19	21·19
1923 ..	3·38	1·93	4·65	1·78	0·10	2·31	1·29	0·56	1·30	1·39	0·87	6·06	25·62
1924 ..	4·45	6·58	3·60	0·55	0·41	0·93	2·38	1·00	2·18	7·01	5·86	2·44	37·39
1925 ..	6·78	1·75	2·97	0·23	1·71	2·86	0·57	2·44	0·87	0·07	4·73	3·21	28·19
1926 ..	4·43	1·10	1·54	1·56	0·34	2·33	1·02	0·26	2·25	0·15	0·71	7·13	22·82
1927 ..	10·04	2·44	7·94	2·59	0·00	2·94	0·55	0·20	0·54	3·38	2·56	4·49	37·67
1928 ..	4·33	10·10	0·50	6·24	0·94	2·63	0·84	0·00	0·09	1·26	3·22	4·90	35·05
1929 ..	9·51	4·13	2·84	4·47	0·00	1·38	0·25	1·32	0·17	2·63	0·92	4·03	31·65
1930 ..	3·92	2·35	1·42	0·72	3·47	5·07	1·51	1·19	1·16	1·69	3·48	1·55	27·53
1931 ..	6·01	6·92	5·25	1·71	2·66	0·43	0·65	0·49	2·67	0·87	3·65	3·71	35·02
1932 ..	1·19	1·25	0·85	6·19	0·91	0·37	0·75	0·08	1·64	3·33	3·12	3·83	23·51
1933 ..	4·48	2·44	0·04	2·24	0·26	0·71	2·27	1·58	4·51	1·45	6·87	4·21	31·06
1934 ..	2·14	5·45	0·54	3·67	2·03	1·41	3·26	2·23	0·80	1·47	7·50	5·45	36·85
1935 ..	5·78	3·49	0·00	1·61	1·37	0·00	1·49	1·35	2·64	4·24	0·16	2·91	25·04
1936 ..	3·05	1·64	3·76	0·32	0·96	2·13	1·24	0·08	0·99	0·72	1·81	2·03	19·63
1937 ..	1·43	1·72	6·74	0·27	0·31	1·29	0·95	1·41	0·53	2·47	4·62	3·20	24·94
Average for 56 years	4·57	4·05	3·34	1·95	1·49	1·97	1·65	1·31	1·81	2·25	2·77	3·81	30·97

NUNDAH. (*Brisbane*). *Moreton* (40).

Height above M.S.L., 18 feet at Railway Station.

1895 ..	†27·72	†2·89	†1·06	†3·55	2·85	0·00	0·56	0·37	2·31	2·18	4·38	†11·52	59·39
1896 ..	5·74	17·86	2·03	0·65	0·15	0·50	4·01	0·15	0·51	0·18	11·30	4·23	47·31
1897 ..	3·05	2·62	4·57	0·00	0·37	1·94	3·80	1·05	2·60	4·00	2·63	10·83	37·46
1898 ..	18·13	10·44	18·40	1·20	4·58	1·76	0·13	1·23	1·13	1·65	†3·83	4·41	66·89
1899 ..	4·97	2·79	1·37	3·55	1·99	2·83	4·68	1·83	2·62	2·57	1·55	8·54	39·29
1900 ..	6·77	5·60	3·69	0·87	5·90	2·58	5·41	0·84	3·33	0·54	1·74	0·60	37·87
1901 ..	3·44	3·74	15·10	3·30	4·17	2·83	1·77	3·75	1·62	3·52	1·54	0·54	45·32
1902 ..	2·41	4·05	0·53	0·18	0·09	0·00	0·87	0·84	1·10	2·12	1·92	1·79	15·90
1903 ..	2·06	†5·35	†4·79	0·91	†11·82	†0·73	5·47	3·28	3·91	3·60	4·63	4·30	50·85
1904 ..	3·42	1·00	7·40	7·83	3·57	0·19	1·58	0·55	1·75	1·28	1·75	2·06	32·38
1905 ..	7·53	2·80	3·13	4·97	1·18	0·20	0·28	†0·65	1·37	3·02	5·41	10·49	41·03
1906 ..	7·58	14·87	5·22	0·56	2·96	1·63	0·32	4·45	3·74	2·77	1·28	4·02	49·40
1907 ..	5·25	5·72	6·14	0·66	5·39	2·54	0·80	0·50	0·06	1·52	†4·25	†3·21	36·04
1908 ..	3·10	10·11	20·29	3·48	2·33	0·07	0·57	2·52	0·64	1·11	2·57	1·80	48·59
1909 ..	1·70	3·75	2·93	5·71	0·87	1·90	2·26	2·40	2·61	1·52	2·41	7·23	35·29
1910 ..	5·65	4·56	7·18	1·20	0·50	7·35	0·31	0·33	1·41	3·18	3·03	14·88	49·58
1911 ..	8·30	5·83	4·09	0·85	0·74	0·00	1·80	2·61	0·33	5·14	0·61	1·93	32·23
1912 ..	0·91	1·96	10·16	0·80	0·16	6·67	1·90	1·20	0·29	7·34	3·02	6·12	40·53
1913 ..	6·16	5·66	6·56	6·82	4·60	4·43	2·95	0·00	2·55	0·85	0·87	1·65	43·10
1914 ..	3·28	6·01	8·48	0·18	3·87	4·48	1·93	0·33	0·53	3·18	0·75	5·86	38·88
1915 ..	3·36	10·70	0·05	1·17	3·94	1·47	1·39	1·49	1·30	0·12	1·66	2·12	28·77
1916 ..	1·24	10·38	1·47	6·62	2·01	2·29	1·99	1·81	2·70	4·41	6·15	5·85	46·92
1917 ..	10·16	2·36	4·02	0·89	0·58	0·27	0·51	0·62	4·21	1·59	9·82	6·47	41·50
1918 ..	9·45	2·60	2·89	2·08	2·26	0·14	0·33	1·48	2·07	0·82	2·48	1·13	27·73
1919 ..	0·48	1·54	8·32	2·36	6·77	1·20	0·23	0·59	0·33	0·75	0·42	2·22	25·21
1920 ..	11·01	1·74	2·15	1·83	2·05	2·48	2·44	1·17	3·11	3·18	5·20	2·12	38·48
1921 ..	5·05	0·88	6·83	7·34	1·62	8·42	7·05	0·31	2·03	1·05	2·35	10·30	53·23
1922 ..	3·86	9·33	0·88	0·30	2·30	1·61	4·93	0·32	1·70	1·06	2·26	5·39	33·94
1923 ..	1·35	1·06	3·37	7·00	0·19	3·19	2·56	0·92	1·45	0·49	2·08	2·52	26·18
1924 ..	3·44	7·38	6·13	2·44	1·50	4·14	6·76	1·31	2·07	2·12	4·74	1·37	43·40
1925 ..	6·50	4·14	7·16	0·89	6·78	6·94	0·94	3·54	0·19	0·23	10·68	7·31	55·30
1926 ..	3·00	0·73	2·39	3·29	1·28	5·50	0·45	0·81	2·59	0·73	1·15	8·23	30·15
1927 ..	23·29	5

NUNDAH. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1928 ..	6·29	15·96	1·89	17·59	2·03	2·39	0·94	1·61	0·78	1·07	1·22	2·29	54·06
1929 ..	4·48	4·71	7·82	10·67	0·55	7·79	0·59	1·19	0·79	2·12	0·86	2·54	44·11
1930 ..	10·24	1·92	4·79	1·22	7·43	9·11	1·14	1·54	1·08	1·51	1·61	1·76	43·35
1931 ..	5·86	20·02	15·81	3·19	2·13	0·53	1·70	1·29	1·14	0·45	6·45	9·59	68·16
1932 ..	0·85	1·18	3·28	6·67	0·93	0·40	0·26	0·15	2·95	3·28	1·63	1·71	23·29
1933 ..	10·94	4·00	0·87	11·21	0·16	1·98	3·89	1·35	2·96	3·51	6·78	7·11	54·76
1934 ..	2·88	17·60	1·58	7·29	1·91	0·79	5·25	0·85	1·33	1·46	6·19	9·91	57·04
1935 ..	5·29	8·01	1·58	3·36	1·75	0·00	3·22	1·43	3·29	6·89	0·77	4·36	39·95
1936 ..	5·47	1·83	6·65	0·37	1·51	2·23	1·30	0·00	0·50	0·18	1·08	0·93	22·05
1937 ..	1·10	7·11	8·15	0·16	0·30	0·87	1·37	1·90	0·25	4·14	6·35	4·14	35·84
Average for 43 years	6·11	6·01	5·57	3·43	2·51	2·54	2·12	1·27	1·76	2·33	3·42	4·93	42·00

† Records taken from Brisbane.

OXLEY. (*Brisbane*). *Moreton* (40).

Height above M.S.L., 62 feet at Railway Station.

1898 ..	..	..	..	..	..	..	..	*1·03	*1·49	*2·75	*2·00	*2·53	..
1899 ..	10·84	1·77	0·18	5·15	1·53	2·24	2·78	1·48	2·31	1·91	1·71	4·92	36·82
1900 ..	3·55	4·37	3·75	2·18	5·09	2·48	3·17	0·76	1·79	0·08	2·90	0·64	30·76
1901 ..	4·85	2·71	11·16	3·63	1·77	2·84	1·43	3·02	0·57	1·86	0·45	0·00	34·29
1902 ..	0·22	2·45	0·46	0·04	0·14	0·15	†0·38	0·22	0·41	2·51	3·24	1·84	12·06
1903 ..	†1·64	†5·17	†4·94	‡3·64	11·14	0·43	4·03	2·30	3·94	2·29	3·88	1·81	45·21
1904 ..	2·40	0·26	3·75	6·25	4·10	0·26	1·38	0·09	2·06	1·02	2·13	5·47	29·17
1905 ..	9·93	2·28	2·57	5·35	1·25	0·75	†0·06	0·44	1·90	2·64	4·29	4·34	35·80
1906 ..	5·30	11·13	3·84	0·15	4·92	†0·82	0·12	3·92	†3·53	3·34	1·41	3·62	42·10
1907 ..	3·12	5·53	3·09	0·08	3·87	3·09	0·16	0·42	0·02	1·49	4·64	2·23	27·74
1908 ..	1·62	7·89	15·82	2·33	1·98	0·00	0·86	2·95	0·96	1·70	2·54	†0·85	39·50
1909 ..	2·78	2·49	2·01	3·40	0·90	1·64	2·15	1·76	2·13	1·90	3·24	5·28	29·68
1910 ..	7·51	5·23	4·15	0·00	0·00	4·13	1·12	0·62	2·84	3·36	2·61	8·97	40·54
1911 ..	10·99	7·57	4·21	1·70	0·40	0·00	1·45	0·75	1·10	2·90	0·90	1·25	33·22
1912 ..	0·91	4·76	7·66	0·50	0·00	6·18	2·22	0·59	0·49	4·84	3·82	1·58	33·55
1913 ..	3·25	4·22	2·30	4·04	5·78	5·74	1·52	0·00	1·38	0·85	1·39	2·19	32·66
1914 ..	5·51	2·60	6·56	0·80	2·50	4·62	1·71	0·32	2·07	2·05	1·51	5·11	35·36
1915 ..	2·92	7·54	0·48	0·53	1·67	0·77	1·56	1·60	2·64	0·25	2·99	1·04	23·99
1916 ..	6·24	12·77	1·06	8·26	1·34	1·91	1·84	1·53	2·22	3·98	5·51	6·63	53·29
1917 ..	10·04	1·60	3·18	0·91	0·32	0·96	0·53	0·60	4·71	1·14	10·85	5·84	40·68
1918 ..	5·90	2·39	2·52	1·58	2·23	0·07	0·20	1·12	1·10	1·33	0·85	1·51	20·80
1919 ..	0·16	0·62	10·22	1·31	5·66	1·34	0·00	0·73	0·00	1·13	0·00	1·10	22·27
1920 ..	13·02	0·81	2·79	1·87	1·72	2·36	2·77	1·15	2·07	2·43	6·93	1·92	39·84
1921 ..	5·43	1·45	7·04	4·77	0·09	5·19	6·08	0·38	1·49	0·82	2·78	9·88	45·40
1922 ..	2·51	5·71	3·21	0·12	1·57	1·16	3·87	0·28	3·05	1·63	2·41	3·88	29·40
1923 ..	1·40	0·41	2·23	5·23	0·22	2·42	2·22	0·73	1·49	0·27	1·16	4·22	22·00
1924 ..	1·56	5·45	1·62	2·79	1·34	3·94	5·08	1·77	1·84	0·94	5·26	1·27	32·86
1925 ..	6·99	2·10	10·56	0·19	4·51	4·36	0·67	2·70	0·33	0·30	5·81	7·86	46·38
1926 ..	3·07	0·38	3·06	3·52	1·42	4·60	0·22	0·68	3·17	0·71	1·48	11·19	33·50
1927 ..	18·26	4·75	4·72	2·20	0·00	2·86	0·78	0·32	2·16	6·65	5·73	6·71	55·14
1928 ..	5·77	18·13	0·60	13·79	2·40	2·49	0·77	0·60	1·15	1·06	2·03	1·93	50·72
1929 ..	5·23	8·39	8·03	7·96	0·20	2·73	0·75	1·00	0·45	4·50	2·01	4·43	45·68
1930 ..	8·99	1·97	4·03	1·11	7·97	7·97	1·28	2·01	0·60	2·71	1·11	2·00	41·75
1931 ..	3·41	22·70	12·84	3·30	2·66	0·40	2·76	0·88	0·88	0·63	7·24	9·40	67·10
1932 ..	0·60	1·93	0·78	6·43	0·87	1·10	0·20	0·44	5·55	4·06	3·73	1·52	27·21
1933 ..	8·37	2·34	0·30	4·73	0·18	0·47	2·95	0·75	2·65	2·16	6·25	4·38	35·53
1934 ..	3·90	11·49	0·23	5·79	1·39	0·55	4·29	0·90	0·92	3·90	4·09	6·01	43·46
1935 ..	3·92	6·73	2·64	2·45	1·26	0·00	1·91	1·21	3·52	5·49	1·01	5·81	35·95
1936 ..	4·02	1·09	8·58	0·05	1·33	1·87	1·41	0·00	0·37	0·11	1·09	1·61	21·53
1937 ..	0·53	4·40	5·48	0·41	0·22	0·69	0·85	1·70	0·15	3·86	8·40	3·83	30·52
Average for 39 years	5·04	5·02	4·43	3·04	2·20	2·19	1·73	1·10	1·80	2·17	3·32	3·95	35·99

† Record taken from Rocklea.
‡ Record taken from Goodna.

PALMWOODS. *Moreton* (40).

Height above M.S.L., 88 feet at Railway Station.

1892 ..	..	..	..	..	..	..	..	..	..	..	*2·31	*7·26	..
1893 ..	8·07	73·31	13·55	7·75	2·90	8·96	5·40	4·81	0·71	4·26	3·33	‡4·00	37·05
1894 ..	17·08	3·69	18·46	6·64	1·04	3·80	0·00	1·30	2·57	5·24	3·48	7·37	70·67
1895 ..	31·34	4·07	5·55	5·98	4·77	0·00	1·26	0·85	4·19	1·69	3·77	11·18	74·65
1896 ..	7·41	25·55	3·72	1·03	1·34	0·52	2·72	0·39	0·33	1·59	12·89	5·36	62·85
1897 ..	..	..	..	..	..	..	..	..	..	..	..	..	..
1898 ..	*37·65	*22·12	*47·96	*2·95	*6·28	..	..	..	..	..	..	..	..
1899 ..	†9·10	†6·11	†5·93	†6·37	†3·57	5·87	3·16	3·15	3·61	2·99	2·82	10·22	62·90
1900 ..	3·10	3·81	5·44	2·70	7·50	1·67	3·24	1·79	3·53	0·37	1·29	2·24	36·68
1901 ..	4·81	12·06	17·22	4·30	7·49	3·63	6·15	3·97	0·97	2·57	2·18	2·68	68·03
1902 ..	1·77	4·01	2·63	3·87	0·26	0·08	0·51	†1·47	†1·56	†1·49	†3·14	†3·53	24·32
1903 ..	2·44	2·17	9·67	1·26	16·47	7·11	4·67	4·29	5·40	4·36	6·97	2·18	66·99
1904 ..	6·44	3·10	11·59	18·93	6·68	0·49	2·64	0·51	0·77	2·52	2·95	9·60	66·22
1905 ..	11·98	3·63	3·52	6·35	5·24	1·12	0·18	1·13	1·44	5·48	1·50	5·86	47·43
1906 ..	6·70	15·50	10·14	1·68	7·71	5·11	0·38	4·47	7·14	4·94	3·85	6·73	74·35
1907 ..	9·67	15·02	13·80	1·92	5·11	6·27	0·82	†0·74	0·34	1·84	3·36	7·32	66·21
1908 ..	12·73	18·94	18·46	6·29	5·30	0·38	3·03	2·30	0·62	3·69	6·67	2·16	80·57
1909 ..	5·78	5·03	4·33	5·33	1·14	2·68	3·11	3·36	2·87	2·68	2·80	23·01	62·12
1910 ..	9·41	1·65	14·61	4·79	1·23	10·86	0·00	0·27	0·41	1·99	1·60	5·30	52·12
1911 ..	14·00	11·30	6·00	1·00	0·00	0·00	1·41	0·20	0·00	1·98	†1·89	0·12	37·90
1912 ..	5·80	6·08	14·63	0·50	1·05	8·26	0·95	0·63	0·21	6·15	6·09	4·66	55·01
1913 ..	19·65	9·84	2·82	14·45	6·86	4·12	6·16	0·00	2·93	0·05	0·14	4·66	71·68
1914 ..	9·45	17·59	13·65	2·26	6·96	7·61	0·80	2·72	2·06	5·93	0·70	10·20	79·93
1915 ..	4·94	13·00	0·15	2·71	2·90	0·00	1·10	0·88	2·93	1·10	3·39	2·19	35·29
1916 ..	3·26	1·80	6·34	13·28	3·70	2·60	3·69	5·28	‡4·48	‡6·09	4·02	12·15	66·69
1917 ..	5·92	4·61	8·33	3·65	2·86	0·12	0·00	1·93	4·82	2·10	11·63	8·49	54·46
1918 ..	16·80	8·76	8·79	6·26	5·69	0·00	0·50	4·60	3·09	0·41	1·16	2·38	58·44

Continued in next column.

PALMWOODS. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1919 ..	1·65	4·13	8·76	7·03	12·25	2·20	1·12	0·86	0·06	0·59	0·16	1·27	40·08
1920 ..	23·86	4·74	5·27	8·59	2·77	4·83	2·84	1·58	2·69	6·41	4·30	3·81	71·69
1921 ..	12·40	3·15	13·42	12·09	3·84	10·75	6·76	1·61	3·29	1·71	3·95	14·69	87·66
1922 ..	6·56	22·67	1·14	0·84	4·21	2·24	3·54	2·06	2·89	0·43	2·43	7·39	56·40
1923 ..	4·60	4·81	6·45	17·10	2·02	3·07	4·25	1·03	1·69	1·58	4·75	7·71	59·06
1924 ..	7·77	8·13	6·90	4·20	3·57	2·32	9·77	1·51	2·41	5·99	4·78	7·83	65·18
1925 ..	14·44	10·64	17·54	3·46	6·20	11·43	0·15	4·20	0·24	0·83	5·38	5·13	79·64
1926 ..	10·24	0·24	3·95	5·06	5·77	4·98	1·38	0·03	7·40	0·61	0·09	26·50	66·25
1927 ..	28·88	7·38	18·71	4·91	0·03	3·25	0·25	0·06	6·97	4·05	7·15	11·16	92·80
1928 ..	9·04	41·71	3·09	23·46	3·30	3·09	1·17	1·19	0·19	0·88	0·86	4·42	92·40
1929 ..	10·56	8·38	7·61	18·35	0·32	2·72	0·31	1·01	0·16	6·07	2·25	10·81	68·55
1930 ..	24·96	6·00	6·69	3·61	12·27	16·72	1·97	2·36	1·29	3·24	2·57	2·75	84·43
1931 ..	10·49	24·74	15·96	2·70	3·84	0·96	1·20	1·91	1·30	1·85	12·94	10·33	88·22
1932 ..	0·52	5·21	2·22	9·94	2·49	1·43	0·41	0·91	3·60	3·35	3·45	2·48	36·01
1933 ..	8·40	3·85	2·14	10·54	0·22	1·98	4·64	1·00	5·34	5·20	12·48	12·16	67·95
1934 ..	5·34	16·15	4·75	11·24	6·21	1·41	4·03	3·04	0·89	3·56	9·27	6·92	72·81
1935 ..	5·52	13·32	5·47	6·68	2·66	0·05	4·08	4·99	3·39	6·85	0·86	6·27	60·14
1936 ..	7·50	1·85	16·51	2·49	4·84	3·91	1·40	0·50	0·88	0·84	2·52	2·16	45·40
1937 ..	2·49	7·16	19·06	2·05	0·61	1·99	1·88	2·37	0·79	4·75	12·90	5·52	61·57
Average for 43 years	9·83	10·81	8·95	6·60	4·31	3·73	2·40	1·94	2·38	3·03	4·30	7·04	65·32

† Records taken from Woombye. ‡ Approximate.

PIALBA. *Moreton* (40).

Height above M.S.L., 15 feet at Railway Station.

1900 ..	9·66	†0·86	5·46	1·08	4·01	1·66	4·90	0·72	1·40	0·83	0·38	3·06	34·02
1901 ..	5·45	6·80	12·57	5·89	5·30	2·67	4·23	5·54	2·95	1·50	1·21	1·70	55·81
1902 ..	3·58	0·54	1·10	1·86	0·26	0·72	0·92	1·40	1·00	0·62	0·09	4·71	16·80
1903 ..	0·57	3·21	2·47	0·25	9·50	3·15	5·60	1·40	1·48	2·05	5·98	3·25	38·91
1904 ..	1·35	0·00	3·20	10·76	2·80	1·10	0·00	0·46	0·62	5.15	2·67	2·80	30·91
1905 ..	15·78	2·00	4·59	5·98	3·37	0·00	0·00	0·50	0·70	2·90	2·37	2·41	40·60
1906 ..	2·35	6·75	2·46	0·00	5·54	2·98	0·00	1·80	7·65	0·15	2·00	5·53	37·21
1907 ..	3·33	7·96	11·62	1·08	6·15	5·95	0·00	1·00	0·15	1·40	†3·37	†5·45	47·46
1908 ..	3·20	5·20	2·27	1·80	2·60	3·77	0·18	1·11	†1·16	†1·13	†3·52	†1·69	27·63
1909 ..	4·75	6·04	2·10	1·32	0·94	1·54	5·25	2·15	1·00	1·76	3·23	2·99	33·07
1910 ..	8·52	5·86	6·92	0·70	0·00	5·80	1·90	0·52	0·00	1·75	9·45	4·14	45·56
1911 ..	12·37	6·12	5·03	2·59	0·31	0·00	0·72	1·27	0·00	2·81	0·60	3·84	35·66
1912 ..	1·77	3·30	13·72	0·62	2·79	8·65	2·13	0·92	0·03	2·55	1·52	2·59	40·59
1913 ..	35·76	2·48	1·54	6·22	3·69	3·90	1·56	0·00	0·33	2·33	2·30	3·32	63·43
1914 ..	2·20	7·37	9·15	2·75	2·91	7·01	0·47	0·93	1·42	6·10	0·43	2·01	42·75
1915 ..	6·17	9·66	0·44	1·90	0·10	0·72	2·58	0·83	3·09	0·09	0·06	2·49	28·13
1916 ..	2·53	5·95	5·93	3·34	2·99	3·21	1·74	2·45	5·22	4·74	2·94	8·20	49·24
1917 ..	7·55	9·83	10·43	4·85	2·80	0·19	0·15	1·77	3·64	2·09	6·16	4·01	53·47
1918 ..	13·50	7·35	4·42	3·62	0·94	0·40	0·40	1·85	1·06	0·00	1·07	1·52	36·13
1919 ..	0·56	1·57	4·72	2·60	5·44	0·66	0 60	1·19	0·00	0·96	0·23	0·21	18·74
1920 ..	13·55	1·07	2·99	1·19	3·77	2·32	2·32	1·69	2·36	2·65	1·80	4·47	40·18
1921 ..	8·78	2·15	3·30	10·84	2·73	3·04	3·48	2·33	1·72	0·58	1·96	8·42	49·33
1922 ..	7·00	6·87	0·26	1·00	2·16	1·84	2·71	0·87	1·38	2·23	2·29	4·29	32·90
1923 ..	5·29	1·40	1·04	11·22	1·03	4·09	2·27	1·52	2·49	0·26	2·31	5·14	38·06
1924 ..	3·74	7·88	7·10	3·24	2·31	2·34	3·73	0·71	3·58	6·08	3·65	1·97	46·33
1925 ..	9·49	7·21	5·17	1·28	1·02	6·47	0·65	1·94	0·40	0·56	2·71	6·11	43·01
1926 ..	3·76	0·65	1·57	4·28	11·11	3·03	0·62	0·09	2·80	2·06	0·12	18·60	48·69
1927 ..	26·28	5·38	6·53	4·02	0·21	4·46	1·25	0·78	1·67	6·47	2·29	3·69	63·03
1928 ..	2·42	17·26	2·51	13·41	1·00	6·15	0·28	0·45	0·43	1·02	1·54	2·43	48·90
1929 ..	2·19	3·44	2·24	12·30	0·11	3·54	0·13	0·53	0·61	2·41	2·79	1·39	31·68
1930 ..	15·30	4·79	4·91	3·13	6·67	8·75	1·07	2·51	3·11	0·46	0·78	2·59	54·07
1931 ..	1·99	19·31	6·11	1·69	2·17	2·22	1·16	2·57	0·30	1·21	4·39	7·17	50·29
1932 ..	0·64	0·65	0·65	3·84	3·37	1·44	0·20	0·50	5·68	2·48	1·91	2·31	23·67
1933 ..	12·51	5·17	2·77	3·49	0·79	1·76	3·26	1·84	1·92	4·69	10·21	8·82	57·23
1934 ..	1·76	14·22	5·94	10·37	4·06	1·21	2·08	1·16	1·17	3·22	10·05	7·59	62·83
1935 ..	2·43	4·74	2·20	4·62	2·83	0·28	3·40	1·06	3·21	1·23	1·55	7·47	35·02
1936 ..	2·84	1·69	7·35	1·69	2·88	5·75	1·11	0·00	0·08	0·77	2·85	1·51	28·52
1937 ..	1·46	6·51	8·77	1·27	2·40	1·44	4·12	2·10	0·38	4·37	2·67	2·81	38·30
Average for 38 years	6·90	5·51	4·78	4·00	2·98	3·01	1·77	1·33	1·74	2·20	2·77	4·28	41·27

† Records taken from Woody Island.

SOUTHPORT. *Moreton* (40).

Height above M.S.L., 16 feet.

1881 ..	4·37	6·47	4·51	2·33	4·66	0·24	0·79	0·98	4·22	3·46	9·03	0·61	41·67
1882 ..	0·87	12·82	4·26	4·53	1·31	1·31	4·30	0·95	0·69	13·76	1·63	4·15	50·58
1883 ..	13·41	6·04	3·60	4·43	2·64	0·15	0·22	0·80	0·73	1·91	0·58	1·40	35·91
1884 ..	1·64	2·48	2·04	5·06	23·31	1·17	6·59	1·73	1·20	1·41	6·11	3·38	82·12
1885 ..	2·49	4·21	3·82	1·66	2·56	3·23	0·00	0·00	2·51	0·49	1·30	4·93	27·20
1886 ..	7·16	6·40	1·89	1·11	3·72	11·63	3·54	1·90	7·80	2·64	7·84	5·15	60·78
1887 ..	16·06	9·10	9·32	3·62	5·99	0·15	12·20	5·94	1·13	0·90	3·54	3·15	71·10
1888 ..	2·92	27·31	2·11	2·16	1·33	1·50	0·33	0·55	2·71	1·41	2·56	6·93	51·82
1889 ..	1·25	2·34	10·04	11·92	4·34	0·53	9·26	8·89	3·33	2·39	7·46	4·61	66·36
1890 ..	17·86	10·37	22·53	11·46	3·09	1·95	1·05	0·44	3·29	1·24	5·47	2·86	81·61
1891 ..	9·06	8·05	5·47	2·35	8·69	3·82	2·41	8·06	5·84	4·15	2·65	3·52	64·07
1892 ..	3·30	1·60	15·87	18·29	6·20	8·50	2·07	1·00	4·27	9·85	3·44	3·51	77·90
1893 ..	12·25	34·65	16·03	3·58	3·28	9·11	2·64	4·21	2·00	3·47	1·66	0·27	93·15
1894 ..	11·29	4·72	17·58	4·77	1·81	1·75	0·01	1·25	5·43	3·23	2·95	7·07	61·85
1895 ..	28·73	3·06	2·70	3·83	3·75	0·00	0·29	0·26	1·42	1·59	2·07	14·71	62·41
1896 ..	5·99	11·70	3·63	1·90	1·70	1·30	2·83	0·72	0·95	0·89	12·51	8·16	52·28
1897 ..	3·44	3·83	6·45	0·89	6·82	4·83	5·02	1·50	3·55	4·42	1·54	17·31	59·60
1898 ..	12·69	10·50	19·17	3·13	1·74	4·63	1·28	2·23	2·06	2·25	1·73	2·83	64·24
1899 ..	5·17	4·36	1·82	4·54	2·89	3·70	7·51	2·89	4·97	1·91	2·34	5·75	47·85
1900 ..	4·99	3·27	3·00	0·96	18·58	2·61	8·83	0·94	2·36	0·28	3·73	2·27	51·82

Continued on next page.

* Incomplete, not used in determining Averages.

SOUTHPORT. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1901 ..	2·48	6·47	9·94	3·40	5·39	6·01	1·65	4·38	0·93	4·21	1·26	0·23	46·35
1902 ..	4·60	3·41	0·79	0·30	0·09	0·86	1·07	0·82	3·31	3·09	2·32	2·29	22·95
1903 ..	5·09	1·60	5·89	6·18	6·84	2·47	7·85	1·97	2·94	2·77	3·80	2·52	49·92
1904 ..	2·58	1·50	15·97	18·46	9·80	0·30	1·50	0·88	1·97	3·76	2·88	5·04	64·64
1905 ..	3·37	4·75	3·43	6·86	4·52	0·56	0·08	1·21	1·34	4·24	1·92	5·63	37·91
1906 ..	6·52	10·05	8·81	0·28	9·85	3·15	0·12	3·39	6·55	6·78	1·99	7·80	65·29
1907 ..	8·46	6·98	6·55	2·73	7·04	4·96	1·20	1·85	0·00	0·72	4·27	4·24	49·00
1908 ..	3·62	10·39	15·06	5·00	3·49	0·15	1·50	7·78	1·52	1·36	3·66	2·81	56·34
1909 ..	1·21	2·47	1·93	7·70	1·45	2·52	3·17	2·38	1·42	1·87	3·84	7·43	37·39
1910 ..	7·35	5·14	6·76	3·66	0·82	8·12	0·46	0·71	4·23	1·64	3·14	14·18	56·21
1911 ..	16·18	7·23	6·32	5·55	0·42	0·02	3·87	3·23	0·89	3·81	0·94	1·37	49·83
1912 ..	1·75	2·78	8·50	2·20	0·79	4·96	2·56	0·53	0·19	3·24	2·24	3·16	32·90
1913 ..	4·88	9·19	6·69	8·04	6·48	6·03	4·35	0·00	3·38	0·44	1·65	3·54	54·67
1914 ..	1·53	5·31	10·19	1·18	7·26	7·23	2·15	1·04	1·33	4·68	2·44	3·35	47·69
1915 ..	3·72	4·98	0·05	0·91	5·81	0·31	1·84	2·60	2·05	0·25	1·95	2·06	26·53
1916 ..	3·12	7·14	1·35	9·82	0·83	2·26	2·24	1·88	5·56	6·48	3·56	7·62	51·86
1917 ..	7·67	3·64	8·46	0·47	1·48	1·05	0·29	1·37	7·58	1·64	13·57	8·10	55·32
1918 ..	9·36	3·27	4·86	3·36	7·82	1·25	0·72	4·01	2·31	0·28	1·88	2·53	41·65
1919 ..	0·78	1·25	12·06	7·10	15·53	2·66	0·59	0·85	0·29	2·44	0·56	3·30	47·41
1920 ..	22·26	3·59	4·92	1·66	7·50	4·98	5·47	1·95	4·39	2·68	4·16	3·19	66·75
1921 ..	9·82	1·33	10·44	12·10	2·46	10·36	14·71	0·70	4·20	2·10	3·24	8·86	80·32
1922 ..	3·37	11·13	7·33	0·12	4·90	1·94	6·77	0·37	4·52	0·37	0·56	2·64	44·02
1923 ..	0·70	1·58	3·84	13·85	0·06	2·79	4·23	3·26	1·66	2·17	1·68	8·39	44·21
1924 ..	1·89	8·80	2·05	4·14	2·29	8·84	7·66	1·51	2·28	2·38	9·35	1·48	52·67
1925 ..	9·26	3·47	17·81	3·21	15·32	5·04	0·60	3·48	0·52	0·68	8·58	10·18	78·15
1926 ..	4·22	0·19	4·65	6·33	4·54	8·14	0·32	0·26	3·05	1·11	0·91	9·20	42·92
1927 ..	23·22	2·53	6·38	3·35	0·10	2·75	0·65	0·20	3·40	5·59	9·22	7·97	65·36
1928 ..	8·85	22·36	3·32	20·25	4·18	1·94	2·67	2·18	0·05	1·03	2·19	3·30	72·32
1929 ..	4·11	10·23	14·52	10·70	3·82	7·04	0·84	1·31	0·59	3·79	2·03	2·68	61·66
1930 ..	10·82	1·96	10·23	6·05	14·86	12·13	1·00	1·89	3·81	2·88	1·91	1·53	69·07
1931 ..	4·33	29·32	10·64	8·19	3·79	0·94	2·31	1·65	0·53	1·16	6·80	6·68	76·34
1932 ..	0·60	3·53	2·52	6·47	5·00	1·61	0·28	0·43	4·97	2·33	2·00	1·50	31·24
1933 ..	12·08	3·69	2·76	13·62	1·66	3·43	4·35	0·42	2·64	3·32	5·25	6·54	59·76
1934 ..	8·26	13·88	2·46	10·13	10·16	4·02	5·51	1·89	1·67	1·61	3·59	4·84	65·02
1935 ..	4·74	3·86	1·71	2·91	1·36	0·46	3·83	3·40	2·82	6·06	1·08	3·40	35·63
1936 ..	3·22	1·10	6·06	1·12	5·76	2·65	2·20	0·53	2·15	1·38	1·50	3·83	31·50
1937 ..	3·98	7·40	18·10	1·43	0·29	3·25	2·14	4·43	0·13	2·52	16·71	6·55	66·93
Average for 57 years	6·93	7·03	7·81	5·46	5·13	3·44	3·05	2·03	2·66	2·78	3·84	4·96	55·12

TALLEBUDGERA. *Moreton* (40).

Height above M.S.L.,—feet.

1899 ..	..	..	..	..	..	..	*3·82	*10·35	*5·55	*6·77	*1·50	*1·00	*6·81	..
1900 ..	8·37	3·35	3·53	0·68	20·21	5·14	9·15	0·99	4·40	0·31	3·83	2·33	62·29
1901 ..	3·77	6·80	19·44	5·05	9·33	5·81	1·54	6·00	1·71	5·87	2·39	0·47	68·18
1902 ..	4·47	5·63	0·53	1·07	0·09	0·39	1·30	0·95	1·81	4·29	3·05	2·39	25·97
1903 ..	4·79	6·16	5·18	3·04	14·44	2·53	14·47	2·50	3·17	5·81	6·24	3·76	72·09
1904 ..	4·14	1·05	14·16	18·02	9·30	0·65	1·32	1·27	1·72	4·25	1·40	1·96	59·24
1905 ..	6·64	6·88	5·62	14·88	6·80	0·72	0·20	0·92	1·20	4·49	3·38	5·16	56·89
1906 ..	7·66	12·71	14·95	1·37	12·96	2·62	0·28	3·76	7·18	5·74	4·10	11·99	85·32
1907 ..	11·97	10·33	10·09	2·43	9·02	5·77	1·67	4·66	0·00	1·09	4·08	6·52	67·63
1908 ..	5·73	11·57	20·05	5·49	3·52	0·15	0·97	11·39	1·53	1·15	4·40	4·34	70·29
1909 ..	1·92	5·01	2·83	6·88	1·00	2·38	3·01	2·34	3·93	4·18	5·10	7·72	46·30
1910 ..	12·53	5·72	9·57	5·59	1·22	8·45	0·45	0·55	7·79	1·53	4·35	11·00	68·75
1911 ..	13·08	3·66	4·63	4·80	0·22	0·15	3·61	3·90	0·40	2·19	1·72	0·90	39·26
1912 ..	1·52	2·97	7·85	1·59	0·60	6·31	2·54	1·49	0·60	3·24	2·74	3·56	35·01
1913 ..	6·82	9·37	5·82	11·10	7·92	5·51	5·80	0·00	3·50	0·25	1·30	5·10	62·49
1914 ..	2·00	5·34	8·04	1·29	4·25	5·30	3·22	2·14	1·68	5·17	4·08	5·59	48·10
1915 ..	5·75	8·12	0·00	1·50	5·89	0·55	2·72	2·85	1·70	0·00	3·38	1·85	34·31
1916 ..	4·70	8·28	1·70	13·73	1·45	4·19	1·90	1·95	5·16	6·55	3·62	7·87	61·10
1917 ..	9·52	4·68	7·20	0·80	1·67	1·05	0·15	0·95	8·15	1·65	23·04	9·40	68·26
1918 ..	13·35	5·30	7·95	4·60	5·70	0·40	0·40	2·65	1·75	0·98	6·05	2·10	51·23
1919 ..	0·75	2·05	10·00	6·15	22·30	1·40	1·00	1·00	0·10	2·72	0·25	3·45	51·17
1920 ..	21·35	4·85	5·00	5·30	4·45	6·40	9·80	1·60	5·05	3·19	6·80	6·30	80·09
1921 ..	16·45	3·60	17·64	16·20	5·99	9·87	13·81	0·84	6·98	2·21	5·22	11·44	110·25
1922 ..	2·80	18·34	4·17	0·00	5·89	1·12	9·81	0·73	4·78	1·35	0·42	2·60	52·01
1923 ..	2·22	2·63	3·19	17·94	0·00	3·19	3·60	5·51	2·17	0·69	0·79	7·14	49·07
1924 ..	2·66	14·97	2·13	2·57	1·55	9·23	0·26	2·31	1·78	2·34	6·41	1·40	56·61
1925 ..	12·35	2·45	15·18	3·44	9·50	5·25	0·55	3·39	0·00	0·98	8·96	11·09	73·14
1926 ..	5·05	0·40	4·52	9·85	3·77	8·25	0·77	1·00	2·99	2·21	0·57	9·14	48·52
1927 ..	24·10	2·44	14·58	6·09	0·00	2·58	0·47	0·20	5·17	5·65	12·68	8·57	82·53
1928 ..	10·28	32·79	4·24	26·93	3·33	2·87	3·44	2·34	0·05	1·44	2·11	5·57	95·39
1929 ..	3·58	10·42	11·37	11·38	2·63	6·32	0·55	0·85	0·88	4·65	2·08	2·25	56·96
1930 ..	9·87	3·26	6·15	7·02	15·74	13·91	0·99	2·70	1·40	3·19	2·34	3·30	69·87
1931 ..	6·30	29·99	15·88	9·34	5·81	1·42	1·98	2·47	0·85	2·04	6·03	10·20	92·31
1932 ..	1·34	7·41	2·35	6·83	8·12	1·40	0·40	0·48	4·51	3·71	2·86	0·67	40·08
1933 ..	12·08	3·56	3·32	12·68	2·01	4·27	3·71	0·17	4·56	2·82	5·97	6·04	61·19
1934 ..	6·65	12·32	1·87	11·81	9·58	0·74	6·31	2·05	2·51	3·39	5·12	6·74	69·09
1935 ..	6·70	5·17	5·39	5·14	2·81	0·26	2·43	1·97	4·36	6·75	0·97	3·97	45·92
1936 ..	5·01	2·83	6·49	0·72	6·41	2·05	2·16	0·48	1·20	0·79	1·63	3·02	32·79
1937 ..	3·46	7·38	17·25	2·50	0·05	4·11	2·43	3·70	0·26	5·05	12·50	5·89	64·58
Average for 38 years	7·41	7·63	7·89	6·99	5·93	3·76	3·37	2·24	2·82	3·00	4·52	5·34	60·90

THEEBINE. *Moreton* (40).

Height above M.S.L., 196 feet at Railway Station.

1893 ..	..	..	..	..	..	..	..	..	..	..	..	*0·64	..
1894 ..	9·01	1·94	11·21	3·59	2·48	1·90	0·00	0·63	3·28	3·89	2·08	5·47	45·48
1895 ..	21·60	1·83	1·05	3·87	0·71	0·00	1·58	0·28	2·09	1·87	5·69	8·73	49·30
1896 ..	6·17	19·18	1·61	0·51	1·59	0·64	1·21	0·78	0·20	0·00	3·65	4·68	40·22
1897 ..	3·94	4·99	3·38	0·28	0·04	1·78	4·98	2·13	4·23	5·79	2·04	7·43	41·01
1898 ..	23·99	11·48	25·96	2·81	2·33	0·67	0·02	1·54	2·36	3·08	1·18	3·77	79·19
1899 ..	5·07	5·98	3·97	3·30	1·73	‡3·37	1·59	1·01	1·35	1·65	0·54	7·06	36·62

Continued in next column,

THEEBINE. *Moreton* (40)—*continued.*

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Annual.
1900 ..	3·48	1·40	1·79	0·56	1·82	0·75	3·27	0·66	6·40	1·02	1·05	0·66	22·86
1901 ..	1·42	3·28	12·29	1·23	2·77	3·97	2·21	4·77	1·43	2·72	0·20	0·28	36·57
1902 ..	0·69	1·02	1·32	†0·70	†0·40	†0·00	†0·25	†0·60	†0·96	†2·94	†1·44	†4·72	15·04
1903 ..	1·39	2·17	4·96	0·73	10·95	0·00	6·02	1·52	2·90	5·45	4·94	4·11	45·14
1904 ..	5·60	0·72	4·20	8·32	7·09	0·00	0·81	0·00	0·40	1·72	1·81	3·16	33·83
1905 ..	13·87	2·10	3·26	4·31	2·32	1·30	0·00	0·72	1·52	2·69	1·43	8·37	41·89
1906 ..	7·62	11·43	6·79	0·88	9·90	1·96	0·39	2·74	7·36	4·15	3·01	4·46	60·69
1907 ..	4·27	11·43	9·03	0·66	4·65	4·29	0·67	0·56	0·32	1·95	2·85	4·90	45·58
1908 ..	3·90	14·31	8·89	1·29	1·08	0·76	1·17	2·61	1·35	2·09	1·14	6·49	45·08
1909 ..	7·19	2·42	2·69	3·17	1·50	2·55	4·85	1·80	0·53	1·29	5·48	14·59	48·06
1910 ..	5·38	0·20	5·66	0·00	0·25	6·85	0·60	0·40	0·00	1·47	3·29	9·27	33·37
1911 ..	14·08	8·42	4·82	1·60	0·00	0·00	1·25	0·24	0·12	1·84	0·80	1·71	34·88
1912 ..	2·27	3·95	6·65	0·19	0·37	4·82	2·32	0·77	0·16	4·14	2·31	7·41	35·36
1913 ..	15·80	3·37	1·23	4·39	4·33	2·70	3·26	0·00	5·88	0·35	1·89	5·62	48·82
1914 ..	3·71	5·37	9·12	0·83	1·42	5·26	0·87	1·20	1·18	4·72	0·61	5·09	39·38
1915 ..	4·93	9·78	0·00	0·49	0·98	0·43	0·71	1·84	3·17	1·04	2·70	2·99	29·06
1916 ..	0·79	1·98	3·52	3·93	1·49	1·93	3·40	3·84	3·09	6·20	6·52	5·23	41·92
1917 ..	1·49	3·06	1·35	1·10	1·30	0·00	1·35	1·09	5·08	0·95	5·19	7·97	29·93
1918 ..	10·02	7·06	2·53	1·94	0·28	0·00	0·40	1·33	0·51	0·42	0·70	1·38	26·57
1919 ..	1·39	1·94	4·24	2·35	4·67	0·00	0·00	0·71	0·00	1·26	0·00	0·35	16·91
1920 ..	13·99	0·48	1·94	1·77	2·14	3·01	1·89	1·19	2·23	4·63	3·06	5·03	41·36
1921 ..	5·57	1·68	4·91	5·90	2·88	5·31	4·12	1·75	2·09	1·04	2·35	12·90	50·50
1922 ..	4·37	8·95	1·50	0·00	1·24	2·11	2·17	0·28	2·07	0·00	2·52	4·20	29·41
1923 ..	5·22	2·23	1·73	6·02	0·68	3·60	1·83	0·48	1·77	1·85	2·66	6·41	34·48
1924 ..	4·77	8·68	3·72	3·42	1·55	1·69	5·55	0·96	2·39	4·74	4·30	4·28	46·05
1925 ..	11·56	6·03	6·13	0·38	0·95	6·29	0·60	0·52	0·36	0·21	2·25	7·10	42·38
1926 ..	2·67	0·40	2·07	1·31	6·31	2·27	0·28	0·00	2·65	1·61	0·00	22·28	41·85
1927 ..	9·12	4·70	12·69	3·17	0·00	2·50	0·49	0·36	1·73	2·90	2·18	6·04	45·88
1928 ..	6·64	18·06	1·03	10·72	0·31	4·05	0·94	0·00	0·10	2·01	0·87	1·65	46·38
1929 ..	5·90	8·39	3·33	10·03	0·00	2·44	0·12	1·57	0·18	2·66	5·58	4·01	44·21
1930 ..	11·96	3·65	3·03	1·06	3·72	10·22	0·93	2·27	2·81	1·33	4·51	2·24	47·73
1931 ..	3·38	14·81	7·32	2·42	4·21	0·77	0·55	0·98	0·85	2·28	2·23	6·56	46·36
1932 ..	0·56	2·34	0·39	3·34	1·03	1·09	0·41	0·73	3·42	4·81	2·81	2·62	23·55
1933 ..	8·08	3·03	0·67	4·06	0·98	1·58	3·09	1·69	3·84	5·43	5·51	7·29	45·25
1934 ..	1·87	16·11	1·89	7·63	3·13	1·92	1·98	1·81	0·70	4·03	5·28	9·44	55·59
1935 ..	3·57	5·57	2·24	4·27	2·46	0·10	3·00	1·57	4·85	2·90	0·00	6·45	36·98
1936 ..	8·97	0·83	7·48	0·00	2·20	4·99	0·55	0·00	0·36	0·50	2·03	2·16	30·07
1937 ..	1·34	5·65	15·15	0·69	0·00	0·53	1·11	1·42	0·54	3·24	3·60	3·49	36·76
Average for 44 years	6·56	5·73	4·97	2·71	2·28	2·28	1·65	1·17	2·02	2·52	2·60	5·68	40·17

† Estimated from Kilkivan and Gympie.
‡ Estimated.

TIARO. *Moreton* (40).

Height above M.S.L., 108 feet at Railway Station.

1894 ..	10·52	0·48	9·30	3·83	1·14	1·88	0·00	0·25	3·19	2·11	1·33	4·01	38·04
1895 ..	26·50	1·55	1·12	2·53	0·80	0·03	2·44	0·46	1·43	1·91	6·15	7·98	52·90
1896 ..	4·87	21·48	2·07	1·58	2·09	0·44	1·65	0·65	0·85	1·49	2·49	3·09	42·75
1897 ..	3·64	5·61	3·22	0·00	0·02	2·00	5·87	1·71	2·23	5·51	1·49	5·22	36·52
1898 ..	17·40	10·55	16·57	0·98	2·80	2·67	0·00	1·88	3·14	1·19	1·96	4·38	63·52
1899 ..	7·54	3·14	2·30	3·52	2·97	3·29	2·76	2·21	2·08	2·83	0·65	4·40	37·69
1900 ..	7·21	1·15	2·16	1·27	2·72	1·06	3·49	1·01	5·18	1·04	0·95	0·74	27·98
1901 ..	3·12	3·60	14·03	4·89	2·57	3·25	3·45	5·55	1·30	1·51	0·98	1·25	45·50
1902 ..	3·37	2·22	1·73	1·18	0·33	0·09	0·29	0·24	0·31	1·56	0·11	4·95	16·38
1903 ..	1·21	3·07	4·32	0·50	8·85	1·06	4·09	2·00	2·01	3·05	4·10	4·81	39·07
1904 ..	3·06	0·42	3·48	9·21	2·58	0·72	0·54	0·43	0·49	1·67	4·93	6·18	33·71
1905 ..	20·26	1·62	3·08	4·49	3·21	0·97	1·07	0·45	2·36	2·33	1·00	5·78	46·62
1906 ..	4·90	8·86	7·03	1·40	6·55	2·60	0·12	2·30	4·28	3·00	1·50	4·03	46·57
1907 ..	2·15	6·32	10·45	0·00	2·85	4·90	0·90	0·85	0·50	2·28	2·86	5·23	39·29
1908 ..	3·60	8·25	6·50	0·00	0·00	0·50	0·45	1·95	0·65	1·70	1·45	1·20	26·25
1909 ..	6·35	6·60	2·40	5·10	0·50	1·00	4·60	1·60	0·80	0·50	2·60	9·17	41·22
1910 ..	3·80	0·70	4·50	1·00	1·15	2·00	0·20	0·20	0·00	2·00	1·86	5·86	23·27
1911 ..	10·26	7·61	4·41	2·35	0·17	0·03	0·79	0·51	0·68	4·62	0·93	3·71	36·07
1912 ..	3·66	4·41	12·04	0·27	0·25	6·37	1·94	0·68	0·18	3·74	2·71	2·78	39·03
1913 ..	17·31	5·48	2·90	4·43	5·73	3·52	1·47	0·00	3·42	0·94	3·86	3·58	52·64
1914 ..	4·54	9·14	12·49	2·03	1·84	5·18	0·71	1·39	0·89	4·16	1·25	1·77	45·39
1915 ..	4.17	7·55	0·34	1·01	0·83	0·59	1·06	1·67	3·70	0·64	2·15	2·19	25·90
1916 ..	1·02	3·61	4·26	3·26	3·49	3·46	2·98	2·24	2·01	6·57	4·97	4·39	42·26
1917 ..	8·88	3·99	4·91	1·24	1·70	0·21	0·88	1·46	4·70	1·07	8·62	5·68	43·34
1918 ..	10·90	6·14	1·10	3·32	0·53	0·00	0·11	1·36	0·68	0·00	1·47	1·31	26·92
1919 ..	1·14	3·86	5·02	2·07	6·03	0·08	0·22	1·48	0·00	2·33	0·16	0·56	22·95
1920 ..	13·59	1·58	2·30	1·09	2·47	2·20	1·64	1·55	2·67	4·13	3·01	5·40	41·63
1921 ..	6·67	4·20	4·54	8·31	3·77	4·09	3·75	1·53	2·65	0·94	2·53	12·30	55·28
1922 ..	2·56	6·73	3·05	0·00	1·56	2·56	2·84	0·18	1·19	0·56	4·69	8·38	34·30
1923 ..	3·51	2·34	3·43	7·63	1·03	4·44	2·51	0·45	1·04	0·94	1·84	7·52	36·68
1924 ..	1·93	10·37	5·03	2·90	0·98	1·83	4·92	1·64	3·84	6·27	7·19	7·06	53·96
1925 ..	12·56	2·16	7·88	0·93	0·42	8·54	0·20	1·04	0·82	1·43	2·32	7·10	45·40
1926 ..	5·11	0·15	3·19	3·01	5·68	2·98	0·77	0·00	2·92	0·88	0·00	21·27	45·96
1927 ..	13·71	4·35	10·66	4·11	0·00	2·50	0·75	0·42	2·15	4·23	2·82	4·93	50·63
1928 ..	6·62	14·79	1·21	12·00	1·65	5·56	0·92	0·39	0·30	1·51	1·09	3·57	49·61
1929 ..	4·95	6·13	1·72	9·08	0·17	1·65	0·04	1·54	0·12	1·92	4·60	3·61	35·53
1930 ..	12·40	6·66	1·35	2·64	2·01	9·99	1·32	2·20	0·53	1·48	4·42	1·53	46·53
1931 ..	1·75	16·32	5·05	2·58	3·17	0·76	0·38	2·05	0·65	0·98	2·88	5·78	42·35
1932 ..	0·00	2·85	0·00	7·01	1·52	1·00	0·38	0·40	3·00	3·32	1·44	2·73	23·65
1933 ..	7·10	2·67	0·23	2·67	2·57	2·36	3·44	1·74	2·90	6·51	6·13	5·58	43·90
1934 ..	2·80	15·33	2·04	8·89	0·71	2·17	2·25	2·59	0·82	5·39	9·32	9·34	61·65
1935 ..	2·86	7·49	1·08	3·89	2·54	0·00	3·05	1·73	3·35	2·09	0·00	7·33	35·41
1936 ..	5·78	2·09	4·86	0·78	2·75	4·93	1·57	0·00	1·24	0·33	1·88	2·73	28·44
1937 ..	1·77	4·73	13·86	1·52	0·22	1·01	1·17	1·37	0·39	2·36	3·55	2·63	34·58
Average for 44 years	6·75	5·64	4·85	3·19	2·16	2·42	1·68	1·26	1·76	2·39	2·78	5·07	39·95

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE.

Division .. SOUTH COAST—MORETON (40).

Name of Station..	Abbotsford.		Acacia Vale.		Amamoor.		Amamoor Forest.		Anderleigh.		Anglesey.		Archerfield (formerly Eagle Farm) Aerodrome (Brisbane).		Ascot Racecourse (Brisbane).		Ascot Railway Station, (Brisbane).		Ashwell.		Avonmore.		Bald Hills (Brisbane).	
Year.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.
1913	37·05	59	..	..	47·23	106	..	..	..	..	83·98	101	..	..	..	..	42·38	77	27·03	81	..	..	45·75	90
1914	32·66	92	..	..	41·33	104	..	..	..	..	78·54	120	..	..	..	..	37·28	72	36·93	110	..	..	42·19	113
1915	19·13	46	..	..	28·91	47	..	..	..	..	43·35	85	..	..	..	..	26·72	49	19·19	60	..	..	29·98	72
1916	38·81	80	35·85	79	48·20	78	..	..	..	..	71·01	144	..	..	..	..	47·43	75	33·46	101	..	..	41·74	78
1917	37·15	61	31·10	73	54·99	87	..	..	..	..	56·71	113	..	..	..	..	40·64	59	34·86	96	..	..	39·25	74
1918	23·94	55	27·18	62	38·96	101	..	..	..	..	62·64	118	..	..	..	..	25·51	66	16·17	76	..	..	25·70	72
1919	19·59	61	17·61	44	21·77*	61*	..	..	24·00	64	44·27	87	..	..	..	..	23·08	66	18·70	81	..	..	21·02	49
1920	38·52	64	34·22	54	50·48	132	..	..	45·13	90	74·78	145	..	..	25·79*	81*	41·59	78	26·76	88	..	..	40·26	77
1921	51·33	88	58·45	53	41·62*	116*	56·64	120	54·26	96	102·73	160	..	..	50·83	118	53·60	103	39·54	117	..	..	49·02	69
1922	29·65	50	26·05	39	21·38*	60*	37·60	79	31·09	56	58·59	109	..	..	32·18	84	33·82	84	26·21	66	..	..	28·95	63
1923	22·43	47	35·35	57	37·72	85	35·55	67	36·40	63	67·81	100	..	..	26·61	66	27·39	68	19·79	72	28·41	50	21·92	37
1924	37·48	79	41·41	69	50·53	84	52·45	84	42·76	61	70·00	127	..	..	42·79	84	44·68	94	30·17	88	35·75	66	46·16	58
1925	41·15	72	35·08	56	58·08	58	57·58	89	51·73	91	93·07	134	..	..	54·06	107	57·14	111	25·66	70*	40·73	66	62·46	82
1926	20·42	46	31·16	47	41·55	58	46·08	79	42·15	62	71·40	108	..	..	31·01	67*	31·87	71	17·46	66	24·20	49	31·98	71
1927	45·45	77	47·56	67	69·72	78	64·53	102	55·35	77	112·15	120	..	..	61·06	104*	66·55	87	38·28	102	36·91	52	69·46	93
1928	44·08	78	43·94	71	52·92	53	51·65	117	53·50	82	116·30	130	..	..	50·19	108	52·91	95	40·17	87*	42·68	54	63·85	83
1929	38·27	66	41·75	58	51·43	47	51·00	76	39·71	67	72·36	102	26·07*	61*	39·86	78*	41·19	71	19·24*	31*	40·95	44	47·11	65
1930	45·25	82	33·34	63	54·12	43	56·30	101	53·05	81	96·47*	126*	44·95	143	39·39	124	37·05*	77*	..	..	33·36	48	47·08	89
1931	45·21	82	37·35	82	47·93	30	62·88	99	47·97	119	..	..	73·13	117	73·13	111	..	..	..	..	41·93	58	68·27	104
1932	22·35	68	26·81	58	18·37	20	30·12	73	25·80	92	..	..	22·56	96	22·78	92	..	..	..	..	21·20	48	24·72	70
1933	36·09	78	37·54	80	36·73	42	45·80	97	54·64	102	..	..	41·70	121	51·42	110	..	..	..	..	39·02	62	51·97	100
1934	37·16	67	46·26	82	52·87	74	55·12	110	58·27	123	..	..	51·27	126	52·74	106	..	..	..	..	36·48	42	57·97	103
1935	29·77	62	29·69	66	43·79	72	40·58	89	42·07	97	..	..	41·52	111	37·91	95	..	..	..	..	34·54	46	51·10	86
1936	19·85	44	29·59	62	29·10	52	30·43	96	31·56	93	..	..	24·57	100	22·52	86	..	..	..	..	27·23	39	23·96	65
1937	28·99	71	38·80	55	45·99	68	46·10	109	40·23	90	..	..	33·21	111	34·46	105	..	..	..	..	36·54	53	41·04	94
Averages ..	33·74	68	35·73	63	45·50	69	48·26	93	43·67	85	79·60	134	41·61	116	42·53	100	39·64	77	30·24	80	34·66	52	42·24	86
Number of years of Record ..	28	28	22	22	22	22	17	17	19	19	31	27	8	8	17	14	31	31	38	36	15	15	42	42

Amamoor—
1919.—No record for July to September.
1921.—No record for October to December.
1922.—No record for January to March.

Anglesey—
1930.—No record for December.

Archerfield—
1929.—No record for January to March.

Ascot Racecourse—
1920.—No record for January and December.
1922.—March estimated from Ascot Railway Station.
1926.—No record of number of wet days for March to July.
1927.—No record of number of days of rain for July.
1929.—No record of number of days of rain for January.

Ascot Railway Station—
1930.—No record for September to December.

Ashwell—
1925.—No record of number of days of rain for January.
1928.—No record of number of days of rain for March.
1929.—Record for January to April only.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Bald Knob.		Banks Creek.		Barambah.		Bargara.		Bauple.		Beaudesert.		Beechmont.		Beenleigh.		Beerwah.		Belli Park.		Benarkin.		Biggenden.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall	Days.
1913	..	..	..	..	29·47	88	..	..	66·66	120	28·27	63	..	..	46·92	85	..	..	50·70	82	..	..	43·58	93
1914	..	..	..	..	29·73	97	..	..	53·48	152	33·30	97	..	..	41·14	94	..	..	39·22*	40*	..	..	31·33	100
1915	..	..	..	..	23·84	60	..	..	26·19	89	21·58	56	..	..	26·12	66	..	..	7·43*	17*	..	..	22·66	72
1916	..	..	..	..	32·85	97	..	..	49·26	142	41·84	91	..	..	49·22	84	..	..	59·50	154	..	..	35·44	87
1917	..	..	..	..	31·87	82	..	..	40·20	119	41·81	87	..	..	40·72	74	..	..	49·30	123	..	..	39·41	60
1918	..	..	..	..	20·22	67	..	..	28·63	122	19·30	79	..	..	24·67	66	..	..	45·31	126	..	..	23·19	68
1919	..	..	2·01*	10*	18·58	58	..	..	21·36	88	17·09	56	38·41	97	20·91	86	..	..	31·88	91	..	..	13·11	56
1920	..	..	41·65	108	30·21	71	..	..	46·04	134	32·88	76	60·87	166	48·42	104	..	..	55·58	127	..	..	30·79	76
1921	..	..	55·03	143	41·34	93	..	..	52·36	149	50·71	107	73·67	210	59·52	130	..	..	32·31*	78*	..	..	44·76	99
1922	..	..	32·14	100	29·46	64	..	..	33·93	96	25·72	78	40·20	156	32·01	77	..	..	..	..	..	..	19·99	50
1923	..	..	21·93	79	26·53	65	4·90*	9*	32·86	87	20·82	86	35·88	118	32·97	60	..	..	..	..	..	..	29·19	58
1924	..	..	34·85	80	42·51	102	25·40*	23*	54·66	124	35·17	109	51·38	157	50·52	89	..	..	..	..	..	..	46·69	76
1925	..	..	45·04	88	35·93	102	17·87*	22*	52·44	124	33·02	110	67·68	175	64·83	91	..	..	..	..	38·32	120	31·26	76
1926	..	..	25·04	59	28·11	75	43·46	80	57·18	98	19·74	75	39·50	126	38·31	77	..	..	..	..	28·87	98	31·92	65
1927	16·78*	69*	49·62	82	51·07	104	74·45	109	61·33	119	45·69	110	71·46	162	62·88	110	..	..	..	..	55·11	116	39·15	88
1928	121·39	160	45·38	84	48·75	100	59·79	88	67·48	127	42·95	110	83·69	159	62·00	120	..	..	..	..	49·92	121	44·43	89
1929	85·59	124	40·17	67	36·02	69	25·96	53	50·51	97	46·60	92	61·71	130	44·07	83	..	..	..	..	42·35	90	37·10	60
1930	111·24	170	38·07	79	39·73	95	40·06*	71*	58·62	136	49·57	116	69·30	170	46·32	103	80·03	132	..	..	44·12	117	37·84	89
1931	114·55	145	42·69	82	35·32	106	31·47*	24*	50·80	129	43·31	111	72·62	158	66·12	99	95·32	97	..	..	41·00	111	34·73	88
1932	55·33	114	28·50	83	24·34	73	10·18*	13*	27·24	98	24·37	87	32·27	126	27·60	85	39·27	63	..	..	25·07	90	16·35	57
1933	98·00	131	44·54	116	35·94	104	55·77	40	54·81	113	40·89	105	50·43	134	47·81	106	65·92	95	..	..	37·19	112	46·31	89
1934	101·95	151	50·28	109	44·15	91	51·76	27	67·77	130	41·64	99	56·43	104	58·96	134	69·59	108	..	..	46·58	119	44·89	86
1935	76·26	128	39·39	100	31·89	77	29·48	35	42·77	105	38·09	79	36·78	77	37·84	121	64·66	88	..	..	27·71	81	27·12	80
1936	60·69	144	23·98	87	23·64	74	34·93	55	37·38	107	23·30	83	35·15	84	28·78	114	39·54	101	..	..	26·65	76	26·17	72
1937	73·52	134	35·21	109	29·00	77	30·44	51	44·05	105	31·92	92	51·62	97	41·04	119	65·39	119	..	..	36·78	88	31·86	75
Averages ..	89·85	140	38·53	92	31·69	79	45·12	60	47·12	116	34·91	74	54·16	137	47·05	107	64·96	100	51·83	111	38·44	103	33·27	77
Number of years of Record ..	10	10	18	18	42	42	9	9	25	25	45	45	19	19	67	67	8	8	8	8	13	13	39	39

Bald Knob—
1927.—No record for January to May.

Banks Creek—
1919.—Record for November and December only.

Bargara—
1923.—Record for November and December only.
1924.—Record for January to April only.
1925.—Record for August to December only.
1930.—No record for December.
1931.—Record for January to March only.
1932.—Record for August to December only.

Belli Park—
1914.—No record for May to December.
1915.—Record for November and December only.
1921.—No record for July to December.

* Incomplete, not used in determining Averages.

Table Showing Yearly Rainfall Totals (in Inches and Hundredths) and Number of Days of Rain, Queensland, 1913–1937, Inclusive—*continued.*

Division ..	South Coast—Moreton—*continued.*																					
Name of Station..	Blackbutt.		Bli Bli.		Boonah.		Boonara.		Boondooma.		Booval.		Bribie Island (Brisbane).		Brisbane Botanic Gardens.		Brisbane Show Grounds.		Bromelton Station.		Brookfield (Brisbane).		Bryn Euryn.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	34·41*	80*	..	..	31·46	64	33·41	101	32·04	50	29·88	54	..	..	38·05	94	..	..	30·44	76	39·44	76	..	..
1914	38·36	114	..	..	36·84	79	29·18	112	31·93	53	26·94	73	..	..	33·76	93	..	..	32·46	93	41·21	92	..	..
1915	26·70	86	..	..	20·85	46	25·83	69	19·70	45	19·71	38	..	..	24·80	70	..	..	22·52	67	25·20	65	..	..
1916	34·37	125	..	..	42·44	89	31·98	116	32·04	54	47·30	76	..	..	51·48	118	..	..	41·62	107	43·95	94	..	..
1917	40·76	101	..	..	39·62	90	33·64	104	36·38	52	32·46	62	..	..	40·08	105	..	..	39·94	85	41·20	84	36·09*	72*
1918	7·85*	18*	..	..	19·35	64	30·08	107	19·89	44	15·56	50	..	..	23·77	91	..	..	20·76	92	26·34	82	34·37	97
1919	..	..	..	..	17·32	49	18·01	66	10·50	37	13·52	43	..	..	21·28	81	..	..	17·41	68	29·95	67	40·44	92
1920	21·37*	45*	..	..	32·49	67	38·40	102	30·28	50	27·92	57	..	..	40·42	121	..	..	29·32	82	42·95	90	52·38*	115*
1921	37·59*	38*	..	..	41·65	80	44·96	119	36·51	47	40·02	80	..	..	56·36	163	..	..	46·67	111	59·11	109	78·27*	138*
1922	23·33	53	..	..	23·91	54	19·33	67	18·36	35	24·06	45	..	..	37·77	106	..	..	23·55	70	35·76	65	30·61*	75*
1923	3·48*	7*	..	..	15·44	38	29·33	84	19·69	..	14·69	48	..	..	23·34	92	..	..	18·20	72	20·78	..	30·50	90
1924	..	..	..	..	35·56	70	40·47	100	31·11*	46*	29·01	75	..	..	41·19	116	..	..	33·81	85	42·15	86	68·56	106
1925	..	..	..	..	32·41	65	33·67	86	..	..	31·36	69	..	..	55·20	150	..	..	31·03	103	..	..	64·39	125
1926	..	..	..	..	26·77	60	26·35	58	..	..	16·01	57	..	..	30·80	98	..	..	19·20	72	..	..	34·45	..
1927	..	..	..	..	42·88	79	41·30	102	..	..	48·23	74	..	..	62·50	127	62·16	51*	42·44	96	..	..	60·18	66
1928	..	..	12·10*	45*	38·40	77	35·59	114	..	..	36·83	81	..	..	52·79	134	50·69	123	36·51	105	..	..	78·82	123
1929	36·25	45	71·75	123	33·62	64	29·60	81	..	..	18·42*	38*	..	..	41·78	112	39·87	103	29·79*	74*	..	..	57·00	88
1930	33·78	76	76·49	165	34·85	70	37·25	111	..	..	..	..	..	..	44·77	152	45·30	128	..	..	..	..	58·54	123
1931	35·87	67	84·28	143	37·74	78	33·63	116	..	..	..	..	7·31*	14*	72·45	133	72·61	133	..	..	..	..	64·25	114
1932	25·33	58	47·70	134	23·00	75	20·48	84	..	..	..	..	33·40	80	26·46	100	26·31	97	..	..	..	..	40·72	94
1933	34·47	78	67·44	134	38·64	89	35·29	75	..	..	..	..	63·21	96	53·18	131	54·91	126	..	..	..	..	63·60	105
1934	46·69	71	85·90	159	38·01	92	36·79	70	..	..	..	..	69·04	105	57·76	132	59·20	114	..	..	..	..	62·52	104
1935	26·35	47	65·28	134	31·61	72	23·72	62	..	..	..	..	51·09	78	37·43	125	39·35	110	..	..	..	..	31·60	76
1936	22·42	41	42·15	135	21·70	75	22·04	46	..	..	..	..	30·44	81	24·66	112	26·67	110	..	..	..	..	35·77	95
1937	32·48	51	65·27	138	32·65	72	27·26	52	..	..	..	..	43·74	89	37·59	125	38·85	122	..	..	..	..	73·74	104
Averages ..	32·83	77	67·36	141	32·55	72	35·64	89	26·90	48	29·40	58	48·49	88	42·07	115	46·90	117	31·65	86	38·43	84	52·91	100
Number of years of Record ..	27	2	9	9	32	31	44	42	18	17	29	28	6	6	36	25	11	10	31	27	24	22	17	16

Blackbutt—
1913.—No record for July to December.
1918.—No record for February to December.
1920.—No record for October to December.
1921.—No record for August to November.
1923.—No record for March to December.

Bli Bli—
1928.—No record for January to May.

Boondooma—
1924.—No record for May.

Booval—
1929.—No record for June to December.

Bribie Island, Brisbane—
1931.—No record for January to November.

Brisbane Weather Bureau—
See page 83.

Brisbane Show Grounds—
1927.—No record of number of days of rain for January to June.

Bromelton—
1929.—No record for October to December.

Brookfield—
1914.—April to June, estimated from Mount Crosby and Indooroopilly.

Bryn Euryn—
1917.—No record for January to May.
1920.—No record for December.
1921.—No record for May.
1922.—No record for January and December.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division .. SOUTH COAST—MORETON—*continued.*

Name of Station..	Buderim Mountain.		Bunjurgen.		Bunya Mountain.		Burpengary.		Burrandowan.		Caboolture.		Caboonbah.		Caloundra Lighthouse.		Camp Mountain.		Cannon Hill State School (Brisbane).		Canungra.		Cape Moreton.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	80·16	109	..	..	..	..	44·65	61	..	..	50·73	87	28·78	55	71·56	114	..	..	..	..	..	..	61·38	120
1914	92·56	132	..	..	..	..	47·51	90	..	..	49·60	117	34·44	77	77·92	134	..	..	..	..	..	..	88·35	140
1915	44·48	84	..	..	..	..	30·63	52	..	..	30·66	90	20·70	57	38·46	94	..	..	..	..	5·69*	14*	31·75	81
1916	66·15	122	..	..	..	..	43 96	73	..	..	47·60	119	35·21	79	61·72	129	..	..	..	..	52·59	94	56·85	131
1917	68·64	115	..	..	..	..	45·03	61	..	..	43·71	98	38·97	88	53·23	83	..	..	..	..	41·26	61	57·57	117
1918	65·78	100	..	..	..	..	28·96	50	..	..	30·89	99	22·37	76	47·28	79	..	..	..	..	23·67	64	41·06	114
1919	47·44	69	..	..	..	..	27·98	51	..	..	25·48	96	19·33	64	41·04	83	..	..	..	..	24·92	50	48·66	103
1920	81·67	132	..	..	..	..	48·90	81	..	..	51·70	103	39·83	82	65·81	109	..	..	..	..	48·86	68	74·32	154
1921	93·99	151	..	..	..	..	47·58*	82*	..	..	65·85	90	40·40	97	77·42	122	..	..	..	..	54·35	89	68·06	161
1922	54·81	101	..	..	..	..	13·18*	26*	..	..	38·57	75	19·73*	43*	45·35	76	..	..	..	..	29·74	49	42·97	118
1923	58·92	79	..	..	14·08*	34*	29·81	46	..	..	38·78	76	10·09*	24*	50·96	72	..	..	..	..	27·39	63	52·92	108
1924	56·66	80	..	..	38·42	71	49·24	63	..	..	46·89	84	34·34	58	56·55	84	..	..	..	..	41·06	74	65·24	136
1925	97·66	93	16·91*	55*	33·00	68	61·46	60	..	..	59·48	106	..	..	85·48	101	..	..	..	..	48·12	70	83·74	137
1926	..	..	26·70	68	29·52	60	36·62	50	..	..	37·95	76	..	..	53·41	75	30·95	90	..	..	26·83	51	47·21	129
1927	99·10	124	52·17	104	42·85	66	74·50	73	..	..	71·71	107	..	..	85·99	98	60·55	114	..	..	52·37	74	93·70	157
1928	91·08	159	38·83	95	42·63	84	71·71	74	..	..	63·23	114	..	..	67·37	95	53·80	128	..	..	61·90	74	57·50	147
1929	76·63	129	33·38	82	39·45	62	42·20	56	..	..	46·12	93	..	..	59·20	72	40·50	93	..	..	43·42	65	65·17	118
1930	80·57	158	36·28	90	41·72	75	52·42	90	..	..	55·52	113	..	..	70·47	115	45·31	130	11·06*	60*	50·20	83	68·09	155
1931	90·45	146	42·29	96	43·49	76	78·45	80	15·60*	28*	89·58	102	..	..	86·50	117	67·34	134	57·01	80	57·92	84	93·37	157
1932	40·91	120	23·78	75	31·70	61	28·20	73	28·08	45	24·94	71	..	..	36·14	98	29·28	91	22·06	49*	26·32	74	47·58	162
1933	71·23	145	43·65	86	36·59*	40*	52·83	78	34·12	65	54·45	94	..	..	64·25	112	51·96	126	50·59	76*	45·26	71	65·95	174
1934	81·34	156	41·35	86	26·68*	28*	66·57	93	36·15	48	69·95	98	..	..	76·21	128	56·16	138	55·00	62*	54·16	87	85·51	162
1935	72·53	137	33·43	79	31·38*	38*	44·19	85	20·83	32	37·96	77	..	..	45·62	63	42·11	116	32·85*	52*	36·15	66	48·95	151
1936	46·87	111	26·58	81	27·13	70	24·03	71	22·41	43	31·11	76	..	..	38·59	71	27·17	98	14·17*	42*	27·84	65	40·92	151
1937	48·70	69	44·25	90	29·75	57	13·98*	28*	26·81	32	46·69	90	..	..	68·27	113	39·90	141	28·64*	62*	43·42	75	68·19	176
Averages ..	73·61	115	36·89	86	36·33	68	44·56	69	28·07	44	50·90	97	30·49	70	59·93	101	45·42	117	46·17	80	41·72	71	62·98	130
Number of years of Record ..	36	34	12	12	11	11	35	32	6	6	68	68	21	18	38	38	12	12	4	1	22	22	68	66

Bunjergen—
1925.—No record for January to April.

Bunya Mountain—
1923—No record for January to June.
1933—No record for October and November.
1933.—No record of number of days of rain for April, and August to November.
1934.—No record for March, and June to September.
1935.—No record for April.

Burpengary—
1915.—May record estimated from Caboolture records.
1921.—No record for October to December.
1922.—No record for January to June.
1937.—No record for November and December.

Burrandowan—
1931.—No record for January to May.

Caboonbah.—
1921.—November record estimated from Mount Brisbane.
1922.—No record for November and December.
1923.—No record for January to June, August, and September.

Cannon Hill State School—
1930.—No record for January to May.
1932.—No record of number of days of rain for August, November, and December.
1933.—No record of number of days of rain for August and December.
1934.—No record of number of days of rain for February and December.
1935.—No record for December.
1936.—No record for January, May, and December.
1937.—No record for January and December.

Canungra—
1915.—No record for January to July.

* Incomplete, not used in determining Averages.

Table Showing Yearly Rainfall Totals (in Inches and Hundredths) and Number of Days of Rain, Queensland, 1913–1937, Inclusive—*continued.*

Division ..	South Coast—Moreton—*continued.*																					
Name of Station..	Carina (Brisbane).		Cedar Glen.		Central Kin Kin.		Christmas Creek.		Cleveland.		Cloyna.		Coalstoun Lakes.		Colton.		Coolangatta.		Cooloolabin.		Cooloolabin State Forest.		Coolum.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	..	..	63·10	129	..	..	48·86	69	..	..	38·74	70	63·07	69	..	..	..	..	..	..	..	..
1914	..	..	..	..	75·30	160	..	..	53·57	98	..	..	25·97	55	43·40	90	..	..	..	..	..	..	..	..
1915	..	..	..	..	37·33	86	..	..	36·36	60	..	..	22·10	38	24·51	47	..	..	15·83*	33*	..	..	..	..
1916	..	..	..	..	57·45	144	..	..	56·15	76	..	..	34·06	66	56·49	82	..	..	66·77	142	..	..	..	..
1917	..	..	25·98*	66*	52·23	109	..	..	46·56	68	..	..	33·61	81	38·60	60	..	..	60·26	111	..	..	..	..
1918	..	..	25·80	110	57·61	137	..	..	31·39	78	..	..	24·09	65	39·90	62	..	..	60·49	117	..	..	..	..
1919	..	..	24·36	77	34·28	91	..	..	30·24	86	..	..	12·05	52	19·68	39	..	..	45·27	97	..	..	..	..
1920	..	..	36·64*	103*	69·40	139	..	..	45·29	99	9·21*	20*	30·00	83	54·12	70	..	..	72·62	130	..	..	..	..
1921	52·86	111	41·47*	74*	74·48	189	..	..	48·96	94	36·78	62	37·86	94	57·90	80	..	..	88·55	142	..	..	..	..
1922	35·36	87	25·93*	89*	48·78	134	..	..	35·62	75	21·62	46	22·05	61	35·46	60	..	..	52·00	96	..	..	..	..
1923	27·46	70	31·55	85	58·55	106	..	..	34·55	65	25·44	50	28·20	57	42·39	50	..	..	62·48	89	..	..	..	..
1924	44·99	93	37·16	112	55·19	128	..	..	51·75	75	34·78	71*	46·34	89	43·98	68	..	..	64·44	99	..	..	59·72	132
1925	58·33	114	49·22	129	73·80	139	..	..	70·72	93	27·47	68	25·80	76	40·07	81	..	..	89·69	123	..	..	89·77	144
1926	32·00	63*	26·99	83	62·26	105	..	..	36·25	76	22·59	50	24·49	49	46·05	58	..	..	62·15	94	..	..	65·18	121
1927	58·36	100	41·06	109	91·09	117	..	..	62·52	94	44·48	61*	41·59	68	69·29	82	..	..	99·71	106	..	..	92·04	133
1928	47·74	111	55·63	117	75·92	123	..	..	60·97	96	28·12	75	34·48	60	67·51	78	74·54	108	89·53	115	..	..	78·95	146
1929	41·23	86	48·66	77*	58·14	97	..	..	53·05	101	28·85	56	33·39	48	36·18	43	64·31	104	66·19	94	74·08	105	63·80	112
1930	40·73	115	42·52	97	74·62	122	..	..	51·18	139	32·89	71	34·45	42	45·02	49*	74·41	146	86·31	106	91·12	140	74·13	151
1931	64·79	106	51·07	98	77·15	115	..	..	74·96	117	27·06	57	..	..	45·72	77	90·22	126	90·27	116	88·66	105	77·92	137
1932	23·65	94	24·19	73	26·76	84	0·69*	4*	29·17	94	27·00	42	..	..	28·50	56	42·62	117	34·43	89	34·98	93	46·18	113
1933	44·81	117	40·30	71	58·36	85	39·61	89	49·46	126	41·18	69	..	..	60·02	68	66·01	131	75·47	114	77·65	109	66·45	130
1934	59·60	120	43·96	87	69·26	117	37·70	89	71·17	124	39·26	59	..	..	68·62	61	85·18	128	79·90	133	80·54	117	76·75	148
1935	38·87	105	35·17	73	45·96	92	32·77	80	47·46	107	25·57	50	..	..	43·62	63	46·50	120	62·90	93	62·40	96	59·43	113
1936	23·77	97	29·43	70	35·44	71	20·90	67	30·42	98	18·85	35	24·55	86	29·96	84	41·26	123	49·88	105	53·12	93	41·97	120
1937	39·37	109	36·01	93	61·69	109	28·38	81	46·07	108	24·04	47	31·83	74	42·34	72	76·37	93	63·23	108	65·04	106	76·58	122
Averages ..	43·17	102	37·83	93	59·26	117	31·87	81	49·04	86	29·76	56	30·28	66	42·27	67	66·14	120	69·21	110	69·73	107	69·21	130
Number of years of Record ..	17	16	17	16	28	28	5	5	67	63	17	15	20	20	38	24	10	10	22	22	9	9	14	14

Carina, Brisbane—

1926.—No record of number of days of rain for May and June.

Cedar Glen—

1917.—No record for January and February.
1920.—No record for December.
1921.—No record for March to May.
1922.—No record for January.
1929.—No record of number of days of rain for May and September.

Christmas Creek—

1932.—No record for January to November.

Cloyna—

1920.—Record for October to December only.
1924.—No record of number of days of rain for May.
1927.—No record of number of days of rain for December.

Colton—

1930.—No record of number of days of rain for April.

Cooloolabin—

1915.—No record for January to July.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																							
Name of Station..	Coomdah.		Coominya.		Cooran.		Cooroy.		Coorparoo (Brisbane).		Cooyar.		Cowan Cowan (formerly Bulwer).		Crohamhurst.		Dayboro.		Derrylin.		Diddillibah.		Dinmore.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	..	..	58·33	109	74·14	103	34·54	72	22·13	48	66·90	132	77·74	159	..	..	..	..	..	..	29·94	61
1914	..	..	..	..	57·06	102	83·63	113	34·48	100	25·78	60	86·24	161	83·63	190	..	..	..	..	86·70	150	28·32	71
1915	..	..	..	..	32·49	69	37·78	80	22·95	70	16·85	43	40·29	92	47·13	123	..	..	..	..	40·90	89	18·76	38
1916	..	..	33·03	61	58·50	127	60·87	125	44·72	103	30·84	57	60·83	150	68·79	168	..	..	..	..	61·25	130	47·25	67
1917	..	..	28·75	43	43·16	104	51·67	102	39·95	96	33·78	64	37·09*	88*	63·03	152	..	..	12·58*	18*	56·27	95	33·92	67
1918	..	..	19·87	50	49·96	95	59·38	113	22·72	89	15·11	44	20·47*	51*	62·24	153	..	..	10·80*	26	60·14	93	15·98	54
1919	..	..	14·39	40	24·49	65	29·43	105	19·26	51	16·51	49	46·62	90	39·96	142	..	..	16·27	46*	43·13	105	15·64	27
1920	..	..	24·15	36	55·56	120	68·75	149	39·00	76	26·44	60	76·48	114	68·92	170	..	..	22·98*	54*	74·61	127	30·18	49
1921	..	..	35·93	51	65·82	136	74·37	168	49·21	76	31·09	69	78·21	111	93·65	186*	..	..	35 90*	76*	78·27	160	45·05	58
1922	..	..	16·22*	27*	41·69	72	59·31	121	32·72	81	16·38	55	42·78	89	58·08	131	..	..	22·54	46	55·75	114	24·76	40
1923	18·54	43	5·32*	15*	50·08	55	57·37	110	22·88	82	18·80	59	45·57	86	53·62	134	..	..	18·18	54	60·19	100	15·64	29
1924	32·55	55	29·03	39	50·53	72	61·11	128	40·38	91	30·26	78	65·95	97	62·04	160	..	..	40·01	83	61·80	115	34·62	40
1925	23·81	51	30·55	54	71·77	86	80·08	132	54·94	114	35·17	70	98·27	123	84·01	177	..	..	30·76	71	81·88	129	31·32	49
1926	20·66	29	17·78	44	46·99	65	58·73	115	31·67	78	19·87	55	44·49	88	66·74	137	..	..	15·21	51	63·60	107	17·96	33
1927	40·36	56	37·86	67	77·88	113	90·00	130	59·74	104	33·38	78	84·99	107	104·48	153	..	..	37·80	71	93·08	132	34·86*	43*
1928	27·04	54*	38·22	60	70·14	123	75·05	150	47·89	121	34·13	82	53·39	106	95·24	163*	..	..	33·06	80	82·66	133	2·00*	4*
1929	28·31	42	10·84*	17*	55·96	87	66·09	111	40·32	91	27·56	60	54·89	85	67·75	134	..	..	30·10	70	70·73	122	8·90*	23*
1930	29·50	55	34·30	68	66·77	115	79·82	154	43·15	128	29·17	80	66·75	95	93·24	183	..	..	34·02	85	77·37	154	27·99	57
1931	..	..	42·98	77	69·11	129	80·76	152	68·45	106	35·41	79	91·93	113	98·41	141	..	..	26·77	71	88·49	146	14·79*	15*
1932	..	..	21·07	57	28·43	96	36·63	124	27·74	76	19·96	55	34·10	93	36·80	135	24·49	102	16·07	40	40·87	150	..	..
1933	..	..	38·80	77	55·38	97	64·59	131	49·85	110	34·47	82	69·77	103	78·19	142	56·19	115	28·13	65	72·90	160	20·29*	20*
1934	..	..	36·86	68	57·99	117	73·47	136	56·51	101	38·20	78	83·34	115	80·27	159	64·47	106	32·14*	45*	79·30	170	11·62*	14*
1935	..	..	32·81	60	51·52	105	56·24	115	39·37	86	26·71	61	49·36	109	64·88	139	40·22	80	31·57	57	68·62	133	17·83*	29*
1936	..	..	16·95	48	37·99	96	43·50	135	25·03	77	21·26	72	44·72	103	47·90	175	25·88	68	19·90	49	44·79	123	12·43*	17*
1937	..	..	25·67	52	48·15	103	53·01	124	40·84	106	23·01	63	64·79	123	57·28	164	42·87	111	26·49	62	62·68	134	15·41*	31*
Averages ..	27·60	47	29·42	55	54·35	105	63·60	117	38·19	84	27·95	58	61·46	113	74·58	153	42·35	97	26·68	63	66·92	128	30·18	57
Number of years of Record ..	8	7	19	19	45	45	45	40	39	39	43	42	36	36	45	43	6	6	16	16	24	24	34	34

Coomdah—

1928.—No record of number of days of rain for August.

Coominya—

1922.—No record for October to December.
1923.—Record for October to December only.
1929.—Record for January and February only.

Cowan Cowan—

1917.—No record for September to December.
1918.—No record for January to March.

Crohamhurst—

1921.—No record of number of days of rain for December.

1928.—No record of number of days of rain for April.

Derrylin—

1917.—Record for October to December only.
1918.—No record for June to August.
1920.—No record for December.
1921.—No record for May and August.
1934.—No record for November.

Dinmore—

1927.—No record for September to November.
1928.—Record for January only.
1929.—No record for January and October.
1931.—Record for January, February, and May only.
1933.—No record for January to March and November.
1934.—No record for February to August.
1935.—No record for March to June and December.
1936.—No record for March, April, June, and August.
1937.—No record for January, May, July to October, and December.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station..	Double Island Point.		Dunwich.		Dutton Park, Brisbane.		Emscote Farm (formerly Dunira).		Enoggera Reservoir (Brisbane).		Enoggera Railway Station (Brisbane).		Enterprise State School.		Ernest Junction.		Esk.		Eumundi.		Fairview.		Forest Hill.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	63·62	156	62·59	93	38·54	80	79·90	143	47·44	114	42·00	69	..	..	61·36	76	28·45	71	70·55	122	..	..	24·44	54
1914	69·55	174	70·22	127	34·48	95	83·88	166	39·69	139	35·87	80	..	..	49·09	96	30·24	85	78·35	158	..	..	37·97	71
1915	25·02	103	37·61	90	23·75	71	46·93	115	25·81	82	25·22	54	..	..	29·84	59	28·07	70	41·10	89	..	..	19·09	51
1916	57·15	167	69·76	128	50·28	111	72·03	162	45·23	140	48·52	75	..	..	57·94	96	39·06	101	60·33	125	..	..	30·37	80
1917	55·77	147	67·17	115	37·53	90	63·49	133	44·15	116	44·41	74	..	..	53·78	84	42·33	113	60·71	120	..	..	37·37	79
1918	50·47	143	51·13	106	24·17	94	62·22	139	29·74	119	26·00	65	..	..	39·50	73	22·48	92	61·81	133	..	..	15·82	49
1919	32·74	112	55·52	102	24·99	76	39·35	127	24·76	96	22·66	65	..	..	43·76	55	22·38	85	34·89	91	..	..	15·21	60
1920	68·77	147	81·20	116	42·11	96	64·98*	132*	39·23	124	40·05	69	..	..	60·97	86	42·97	106	64·64	125	..	..	32·48	74
1921	81·24	173	89·26	133	53·70	121	..	..	62·70	153	53·57	83	..	..	73·68	69	42·78	123	64·96	149	..	..	38·39	82
1922	40·90	109	56·67	94	35·59	77	..	..	35·75	84	34·97	80	..	..	42·77	55	31·55	85	48·68	105	..	..	26·81	55
1923	49·72	97	57·42	98	22·09	63	..	..	24·94	78	22·54	69	..	..	36·15	34	25·31	79	54·18	92	..	..	20·57	60
1924	63·00	159	72·90	94	40·68	74	..	..	38·54	100	41·11	72	44·80	117	46·96	21*	39·74	103	49·22	117	..	..	40·16	83
1925	75·20	153	116·53	123	49·80	90	..	..	55·89	119	52·50	89	57·69	124	45·23	..	42·14	103	68·81	111	..	..	32·23	69
1926	50·18	125	50·45	96	32·92	79	..	..	34·45	96	28·78	46*	20·24*	62*	33·81	30*	33·79	93	41·08	90	..	..	17·84	44
1927	81·04	155	88·26	120	56·06	83	..	..	61·31	120	63·46	100	48·14*	56*	65·53	35*	58·05	118	101·11	119	..	..	35·59	72
1928	60·30	152	79·00	116	47·19	75	..	..	53·82	112	53·14	99	30·71*	71*	39·41*	4*	58·95	127	85·59	117	27·76	33	38·04	65
1929	35·22	134	65·95	91	40·47	65	..	..	42·72	90	38·80	76	32·07*	49*	..	..	53·26	98	67·43	81	38·49	40	28·74	52
1930	79·28	192	75·65	117	42·77	100	..	..	45·86	130	42·38	116	12·17*	38*	61·21	36	49·45	132	73·40	89	35·34	63	31·81	64
1931	78·81	176	94·55	119	53·34	106	..	..	70·54	125	68·66	107	55·83	111	76·12	46	38·10	84	80·33	82	36·63	64	35·33	59
1932	39·22	158	40·69	91	24·43	80	..	..	30·00	98	23·88	75	32·69	93	29·27	28	25·42	63	35·66	85	14·70	38	23·09	54
1933	62·54	137	65·88	106	45·32	104	..	..	48·80	123	48·59	106	52·27	99	62·01	38	36·79	87	66·34	88	32·68	69	29·27	64
1934	71·14	153	79·71	93	57·76	102	..	..	53·88	122	52·91	99	58·61	126	69·42	37	39·64	84	75·14	104	31·72	51	30·82	63
1935	51·61	136	55·74	71	41·21	91	..	..	39·52	112	38·29	81	39·01	96	14·61*	22*	32·83	74	63·21	86	26·60	43	24·84	52
1936	40·94	149	37·73	57	25·92	86	..	..	30·71	112	22·38	67	33·32	96	16·70*	43*	24·54	58	49·17	119	15·94	32	19·72	49
1937	66·88	152	68·89	77	35·91	106	..	..	38·80	126	37·26	97	40·40	100	54·67*	99*	35·80	62	61·25	121	32·30	39	24·28	53
Averages ..	55·23	139	65·68	104	38·35	88	66·36	138	44·31	113	40·38	79	46·07	107	51·03	70	38·90	85	63·34	92	29·22	47	29·43	64
Number of years of Record ..	46	46	45	45	39	38	19	19	68	66	35	33	9	9	33	28	51	51	40	40	10	10	44	40

Dutton Park—

1921.—December record from Botanic Garden.

Emscote Farm (formerly Dunira)—

1920.—No record for November and December.

Enoggera Railway Station—

1926.—No record of number of days of rain for December.

Enterprise S.S.—

1926.—No record for December.

1927.—No record for July to December.

1928.—No record for January and February.

1929.—No record for November and December.

1930.—No record for February to July.

Ernest Junction—

1924.—No record of number of days of rain for August to December.

1926.—No record of number of days of rain for January to May.

1927.—No record of number of days of rain for January and February.

1928.—No record of number of days of rain for February and July.

1935.—No record for April to October.

1936.—No record for April to October.

1937.—No record for September.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																							
Name of Station ..	Foxley.		Gatton Post Office.		Gatton College.		Gigoomgan.		Glass House Mountains.		Glenbar.		Gleneagle.		Glen Lamington.		Gold Creek Reservoir (Brisbane).		Goodger.		Goodna Post Office (Brisbane).		Goodna Mental Hospital, "Woogaroo," (Brisbane).	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	24·79	65	24·36	74	47·70	108	68·26	70	48·00	83	..	..	..	..	44·55	109	..	..	34·90	80	38·91	89
1914	..	..	29·93	89	33·83	102	40·61	110	73·23	75	36·55	82	..	..	..	..	38·15	133	..	..	33·50	98	36·13	115
1915	..	..	19·07	56	16·60	56	25·86	71	40·36	63	10·77*	17*	..	..	..	..	26·94	77	..	..	21·08	63	22·80	67
1916	..	..	31·13	77	29·24	90	37·01	108	58·34	100	..	..	..	..	..	..	46·73	129	..	..	53·12	87	55·16	101
1917	..	..	41·85	81	37·30	89	33·73	93	56·55	82	..	..	..	..	23·67*	59*	46·54	115	..	..	38·55	84	43·62	101
1918	..	..	15·93	58	18·72	66	28·00	97	49·46	93	..	..	..	..	28·21	89	30·41	117	..	..	19·85	63	21·10	101
1919	..	..	15·52	57	14·47	58	15·58	63	42·33	68	..	..	..	..	27·04	69	30·31	90	..	..	16·63	51	18·09	76
1920	..	..	32·16	76	29·08	75	39·89	98	56·28	102	..	..	..	..	46·37*	81*	40·75	130	..	..	36·22	73	34·55	97
1921	..	..	36·52	99	31·07	84	51·26	116	77·37	124	..	..	..	..	51·50*	86*	65·51	149	..	..	50·29	101	51·67	126
1922	..	..	18·82	67	17·36	53	24·04	80	47·78	83	..	..	..	..	20·91*	26*	38·06	96	..	..	26·96	67	28·41	83
1923	15·85*	38*	16·63	49	15·44	53	27·44	74	44·03	73	..	..	..	..	11·66*	18*	25·83	93	18·97*	49*	20·58	65	21·72	78
1924	37·12	92	35·12	75	35·52	98	48·99	100	59·82	133	..	..	9·08*	22*	0·22*	1*	39·92	116	40·66	56*	34·47	78	33·62	93
1925	37·36	118	33·55	74	30·96	96	36·55	92	75·77	153	..	..	31·71	100	14·43*	39*	57·03	134	29·51	72	41·68	85	44·34	114
1926	18·92	71	21·65	57	22·56	73	36·59	75	..	..	..	..	18·59	68	16·35*	35*	36·75	98	21·56	50	26·05	64	28·94	68*
1927	52·07	103	38·67	72	35·39	95	46·68	100	..	..	..	..	49·00	103	47·03	65	68·49	123	39·16	68	51·49	85	49·49	102
1928	46·71	120	37·12	75	35·54	93	51·71	107	..	..	..	..	32·05	92	27·11*	24*	59·08	129	18·25*	28*	44·34	83	42·46	107
1929	44·73	103	27·38	59	27·19	77	36·30	80	..	..	..	..	38·35	76	15·71*	33*	47·12	106	26·86*	41*	41·18	68	40·57	79
1930	38·11	135	35·53	79	31·25	95	46·38	100	44·23	..	..	..	41·89	86	37·87	99	52·36	151	32·63	71	33·08	97	33·41	106
1931	43·57	127	40·27	80	35·29	88	41·77	96	76·29	112	..	..	42·41	90	36·77	86	70·39	138	37·62	69	51·38	94	52·51	99
1932	21·05	110	24·01	56	22·78	69	26·54	67	27·39*	73*	..	..	22·40	68	17·63	74	31·76	115	21·06*	60*	21·67	81	22·79	85
1933	38·30	126	36·28	73	33·27	94	43·89	101	54·52	95	..	..	24·26*	31*	37·85	95	53·09	132	41·00	77	37·73	93	41·45	101
1934	40·43	122	36·98	68	33·09	100	47·15	98	57·86	80	..	..	..	..	36·15	92	64·18	142	45·04	62	43·12	89	44·53	96
1935	33·31	101	29·04	60	28·38	84	35·13	92	52·07	80	..	..	..	..	32·54	79	44·19	118	26·37	53	36·17	90	37·02	98
1936	28·28	91	24·04	65	24·31	78	27·84	84	28·13	73	..	..	..	..	21·97	77	32·50	121	23·26	52	22·19	74	23·55	82
1937	37·89	91	26·11	77	26·19	92	39·13	84	45·37	84	..	..	..	..	35·49	85	42·94	131	28·90	50	32·12	82	37·11	101
Averages ..	36·99	108	29·31	69	28·63	80	40·73	81	56·78	92	37·11	63	34·55	85	32·60	83	47·40	120	33·25	62	36·58	78	36·89	94
Number of years of Record ..	14	14	43	43	39	37	48	48	25	23	6	6	8	8	11	11	52	52	11	10	68	63	44	43

Foxley—
1923.—No record for January to April.

Glass House Mountains—
1932.—No record for December.

Glenbar—
1915.—Record for January and February only.

Gleneagle—
1924.—Record for November and December only.
1933.—Record for January to June only.

Glen Lamington—
1917.—No record for January to May.
1920.—No record for December.
1921.—No record for February and May.
1922.—No record for April to June, August, and September.
1923.—No record for January to April, and October to December.
1924.—Record for May only.
1925.—No record for April to August.
1926.—No record for January to March, and December.
1928.—Record for January and February only.
1929.—No record for January to April.

Goodger—
1923.—No record for January and February.
1924.—No record of number of days of rain for April to July.
1928.—Record for January, February, and October only.
1929.—No record for April.
1932.—No record for November.

Goodna Mental Hospital—
1926.—No record of number of wet days for December.

* Incomplete, not used in determining Averages.

Table Showing Yearly Rainfall Totals (in Inches and Hundredths) and Number of Days of Rain, Queensland, 1913–1937, Inclusive—*continued.*

Division ..	South Coast—Moreton—*continued.*																							
Name of Station ..	Googa Creek.		Goomboorian (formerly Ross Creek).		Goomeri.		Gordon Brook.		Grandchester.		Gundiah.		Gympie.		Harlin.		Harrisville.		Hatton Vale.		Helidon.		Hillcrest.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	4·74*	21*	33·85	92	24·24	76	27·24	63	55·39	73	52·39	113	33·83	97	27·76	75	23·73	40	27·33	64	82·34	118
1914	..	..	60·03	144	26·59	92	27·64	71	33·71	63	41·95	62	44·50	141	35·81	132	29·97	97	32·51	47	36·92	70	81·62	160
1915	..	..	29·36	74	25·14	70	20·25	59	18·66	37	28·95	42	36·41	87	26·99	75	18·22	54	21·97	31	19·58	54	40·92	100
1916	..	..	49·26	132	33·96	104	28·18	86	29·99	58	42·79	79	43·58	127	49·00	79	39·16	91	29·15	65	32·57	74	71·72	141
1917	..	..	44·79	97	34·36	95	12·26*	19*	37·87	56	36·59	61	38·66	121	43·73	82	34·47	86	33·96	53	43·48	80	57·31	108
1918	..	..	39·43	97	29·22	74	..	..	18·67	43	27·16	52	35·30	109	26·65	79	17·56	80	12·82	32	12·86	50	59·80	96
1919	..	..	28·19	74	19·91	59	..	..	14·78	46	14·25	46	21·97	86	26·28	74	21·34	64	14·30	45	12·83	54	37·43	82
1920	..	..	58·38	129	36·46	68	..	..	30·23	47	40·77	66	46·46	125	36·86	74	26·48	90	26·90	58	27·73	73	68·52	122
1921	..	..	59·23	143	44·47	74	..	..	37·98	62	56·42	81	56·29	144	50·90	98	42·32	104	34·25	66	31·21	73	83·93	142
1922	..	..	37·69	90	22·02	48	..	..	24·07	42	26·48	54	36·20	95	26·52	66	20·40	68	23·93	57	21·65	56	55·87	91
1923	..	..	47·84	77	28·10	49	..	..	18·79	38	39·08	51	36·01	82	24·07	59	18·45	60	15·43	63	14·10	52	56·87	97
1924	..	..	51·90	113	40·41	78	..	..	32·83	50	50·40	57	44·72	108	37·68	72	39·08	80	29·17	85	28·09	73	59·85	108
1925	..	..	62·68	129	32·36	64	..	..	27·71	40	47·17	69	58·76	120	41·73	84	29·33	76	27·42	86	34·84	87	..	..
1926	..	..	51·32	86	22·03	52	..	..	16·31	38	42·41	51	43·51	87	28·96	58	14·06	56	17·50	67	26·13	63	..	..
1927	18·33*	26*	81·53	105	43·00	75	..	..	44·46	72	51·25	82	63·99	111	54·29	87	44·76	92	36·94	80	36·55	95	..	..
1928	37·42	58	66·80	104	39·17	69	..	..	37·18	65	52·38	86	53·78	126	49·71	95	33·27	92	37·95	89	38·04	90	..	..
1929	33·72	44	53·50	78	33·67	49	..	..	34·00	54	45·86	64	47·54	92	48·21	58	45·58	81	32·48	80	25·94	72	..	..
1930	31·49	59	64·19	121	35·46	69	..	..	37·54	77	45·33	87	51·70	131	31·29*	71*	36·71	104	29·25	96	32·09	90	..	..
1931	38·72	60	64·88	103	32·22	75	..	..	37·83	61	48·55	77	53·27	145	..	..	33·70	89	40·00	95	38·34	80	..	..
1932	22·58	51	32·23	77	24·17	54	..	..	18·77	52	22·74	67	27·16	100	..	..	18·90	80	20·26	77	22·73	62	..	..
1933	37·42	76	60·59	79	35·97	77	..	..	35·12	67	46·94	78	49·69	115	..	..	34·13	99	27·94	91	35·29	92	..	..
1934	42·04	76	68·41	78	41·90	77	..	..	41·95	60	49·99	71	60·12	127	..	..	36·63	88	35·64	92	34·80	77	..	..
1935	27·36	63	45·07	85	24·20	62	..	..	33·75	62	37·17	61	40·17	93*	..	..	31·21	83	25·48	77	24·19	57	..	..
1936	21·76	60	35·04	72	24·66	67	..	..	21·23	50	32·33	61	31·25	103	..	..	21·34	81	18·61	70	19·95	70	..	..
1937	30·17	63	47·14	98	31·11	70	..	..	32·56	57	33·44	46	46·37	113	..	..	34·98	86	26·72	83	30·89	76	..	..
Averages ..	32·27	61	51·64	99	31·78	71	26·62	64	31·29	58	39·15	68	45·73	107	39·72	81	28·88	75	27·99	68	29·83	66	64·32	105
Number of years of Record ..	10	10	24	24	25	25	17	15	44	44	38	38	68	67	25	17	41	40	29	29	63	57	16	16

Googa Creek—
1927.—No record for January to April.

Goomboorian (formerly Ross Creek)—
1913.—No record for January to October.

Goomeri—
1920.—December record from Murgon.

Gordon Brook—
1917.—Record for January and February only.

Gympie—
1935.—No record of number of days of rain for December.

Harlin—
1930.—No record for September to December.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Hillview.		Howard.		Imbil.		Imbil Forest Reserve.		Indooroopilly (Brisbane).		Ingham.		Inskip Point.		Ipswich.		Ipswich Pumping Station.		Ispwich (Roderick Street).		Jimbun (formerly Kannangur and Cressbrook).		Jimna.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	32·02	58	64·44	93	..	..	..	..	39·63	85	32·89	64	86·46	142	27·64	81	30·36	86	28·64	90	27·26	71	..	..
1914	20·00	83	36·05	111	..	..	..	..	38·98	100	31·43	78	73·37	165	29·08	84	30·76	103	28·91	112	33·13	89	..	..
1915	22·60	51	23·17	68	..	..	..	..	22·06	60	20·84	51	37·76	90	18·13	51	20·84	60	18·79	59	19·94	51	..	..
1916	39·64	76	45·35	92	46·42	123	..	..	49·17	92	20·21*	35*	65·59	151	43·73	93	40·30	102	45·48	102	38·96	78	..	..
1917	34·38	50	40·20	78	22·47*	54*	22·56*	62*	40·44	84	..	..	63·59	128	33·36	89	39·32	90	34·71	91	32·38	58	..	..
1918	19·35	47	34·96	97	..	..	38·68	108	23·40	87	..	..	51·43	127	16·82	77	21·89	89	17·32	81	25·32	45	..	..
1919	18·33	38	16·97	72	14·13*	33*	19·50	81	21·07	66	..	..	37·33	96	16·44	68	17·40	63	14·40*	53*	15·57	36	..	..
1920	33·87	67	50·34	105	44·43	89	44·56	90	39·04	89	..	..	83·77	139	31·99	84	34·79	79	..	..	..	..	..	..
1921	42·23	80	48·21	128	61·61	78	57·90	93	55·85	107	..	..	76·27	172	39·98	115	45·28	96	..	..	..	..	..	..
1922	21·97	54	30·37	87	36·03	80	34·09	65	36·19	72	..	..	35·75	107	23·62	58	16·22*	47*	..	..	..	..	..	..
1923	20·68	19*	34·62	78	40·26	52	37·19	58	18·51	44	..	..	52·08	105	16·55	62	..	..	..	..	..	..	..	..
1924	34·97	85	49·13	115	20·62*	44*	45·27	71	34·70	56	..	..	59·87	148	33·15	76	..	..	..	..	..	..	..	..
1925	31·17	89	38·22	104	55·54	93	56·24	94	48·59	68	..	..	69·05	142	33·74	82	..	..	..	..	..	..	..	..
1926	25·32	62	42·97	85	34·82	57	36·20	46*	27·05	41	..	..	58·17	113	15·52	55*	..	..	..	..	..	..	..	..
1927	39·56	89	56·78	114	62·87	84	58·02	83	56·11	76	..	..	69·99	131	41·20	72	..	..	..	..	..	..	34·12*	90*
1928	46·51	94	63·22	110	54·85	60*	56·02	84*	53·36	82	..	..	78·26	145	35·82	89	..	..	..	..	..	..	46·32	129
1929	42·79	70	36·39	83	54·89	60	58·83	62	42·42	82	..	..	39·26	111	30·97	66	..	..	..	..	..	..	48·61	101
1930	35·98	94	51·07	109	54·01	73	54·36	81	37·80	105	..	..	80·43	154	32·09	90	..	..	..	..	..	..	45·62	141
1931	36·46	88	48·35	107	54·46	75	53·23	85	65·59	103	..	..	85·42	150	39·24	80	..	..	..	..	..	..	47·42	141
1932	16·50	29	28·57	86	29·65	50	30·00	78	24·55	83	..	..	47·27	141	21·17	71	..	..	..	..	..	..	28·66	121
1933	36·94	45	57·22	105	42·79	68	44·26	103	46·06	104	..	..	68·35	134	33·89	78	..	..	..	..	..	..	39·95	139
1934	37·55	39	59·17	117	56·93	85	57·46	114	53·50	105	..	..	75·01	138	37·24	75	..	..	..	..	..	..	43·46	137
1935	31·74	40	39·53	108	46·37	65	47·87	101	38·89	96	..	..	46·78	114	29·27	79	..	..	..	..	..	..	31·21	103
1936	17·51	33	26·64	110	29·30	51	30·38	97	27·43	96	..	..	38·40	100	15·65	58	..	..	..	..	..	..	27·93	116
1937	34·76	46	45·68	109	40·47	61	43·55	105	33·93	93	..	..	73·50	115	26·74	73	..	..	..	..	..	..	37·87	113
Averages ..	31·27	63	41·19	90	46·98	73	45·18	87	40·45	78	32·40	70	61·68	129	33·22	87	33·53	84	30·69	84	34·45	75	39·71	124
Number of years of Record ..	25	24	39	39	18	17	20	18	44	44	6	6	52	52	68	67	13	13	23	23	29	29	10	10

Hillview—
1923.—No record of number of days of rain for July to December.

Imbil—
1917.—No record for November and December.
1919.—No record for January, February and June.
1924.—No record for April to September.
1928.—No record of number of days of rain for June.

Imbil Forest Reserve—
1917.—No record for January to July.
1926.—No record of number of days of rain for October.
1928.—No record of number of days of rain for November.

Ingham—
1916.—No record for June to December.

Ipswich—
1926.—No record of number of days of rain for July.

Ipswich Pumping Station—
1922.—No record for November and December.

Ipswich (Roderick Street)—
1919.—No record for September to December.

Jimna—
1927.—No record for January and February.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Johnstown, "Garoon."		Kabunga.		Kalbar.		Kandanga.		Kenilworth.		Kia Ora.		Kilcoy.		Kilkivan.		Kingaroy.		Kumbia.		Kuraby.		Laidley.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	30·90	110	29·21	72	..	..	55·99	93	29·46	76	33·23	70	38·54	58	24·51	75	..	..	..	..	27·77	67
1914	..	..	29·73	134	38·05	85	..	..	50·55	104	15·45*	41*	37·03	105	28·10	48	25·14	69	..	..	..	..	37·68	82
1915	..	..	29·23	82	22·50	50	..	..	34·13	72	7·13*	12*	23·63	70	19·23	36	25·31	57	..	..	..	..	17·60	50
1916	..	..	28·19	128	41·57	101	..	..	50·68	105	28·64*	47*	40·25	105	34·38	76	33·24	75	37·50	59	..	..	28·82	80
1917	..	..	32·86	119	40·59	87	31·33*	66*	40·21	85	31·03*	21*	39·45	109	27·19	65	44·24	76	38·56	64	..	..	37·07	74
1918	..	..	23·50	103	21·19	61	19·70*	27*	39·89	101	14·59*	50*	30·52	98	25·55	52	22·66	65	13·92*	32*	..	..	15·70	68
1919	..	..	17·40	88	17·53	51	20·03	68	29·90	80	..	..	20·03	86	14·46	43	18·96	52	10·84*	27*	..	..	14·07	57
1920	30·63	69	32·12	99	33·96	71	46·99	91	49·19	101	30·12	76	40·48	101	35·18	61	31·02	82	31·92	60	41·45	95	30·87	79
1921	38·14	84	46·39	87	43·23	93	58·10	90	59·15	103	32·31	77	45·30	124	48·97	79	37·40	85	46·02	68	58·28	103	39·38	87
1922	25·66	62	23·96	61	21·94	58	33·57	60	36·81	94	25·87	53	27·12	74	20·77	47	19·95	55	20·29	40	28·71	59	21·32	46
1923	31·29	50	25·99	71	17·42	54	38·93	67	44·63	73	28·88	57	28·95	69	25·71	53	22·88	59	25·37	48	26·45	46	18·38	49
1924	45·19	81	34·33*	33*	41·19	82	42·93	59	51·54	92	33·45	65	41·15	80	38·04	75	34·43	73	20·03*	..	40·41	51	30·78	68
1925	31·21	65	36·37	74	30·20	79	51·52	51	57·63	101	25·89	71	45·60	95	31·90	72	25·40	60	..	..	53·19	78	28·93	68
1926	23·36	57	22·99	67	23·94	62	38·77	44	43·35	64	20·83	59	30·75	70	23·91	45	18·04	47	..	..	22·01	41	14·19	57
1927	42·89	80	46·98	92	47·56	80	64·01	84	76·99	98	40·16	69	55·16	99	45·37	69	34·64	76	13·30*	33*	53·76	89	38·51	90
1928	35·49	66	43·60	83	46·06	86	49·09	71	59·84	110	41·74	80	44·48	106	42·28	96	34·62	66	13·48*	27*	50·60	87	36·91	92
1929	39·03	79	32·74	48*	36·08	81	50·07	62	53·14	88	32·75	40*	41·31	70	42·68	67	28·08	50	27·99	52	37·82	70	28·08	62
1930	36·99	89	34·16	101	40·91	89	50·28	83	58·75	123	34·35	69	39·65	90	40·64	91	29·13	67	30·45	70	43·79	71	30·85	82
1931	37·62	81	29·99	86	39·64	83	50·77	73	64·65	118	35·25	80	47·90	91	34·16	86	30·95	76	34·52	36*	67·08	82	35·23	82
1932	20·04	48	20·57	73	20·95	69	25·77*	56*	30·55	98	24·89	76	22·19	82	17·61	49	22·30	64	26·73	55	26·48	58	18·14	52
1933	30·78	70	29·85	97	35·19	87	46·08	90	47·24	105	34·64	80	35·99	108	34·17	79	36·30	79	36·15	79	47·78	87	31·56	90
1934	37·53	76	38·33	99	41·86	81	50·02	89	66·19	116	39·57	66	40·52	100	47·16	75	34·04	80	43·15	69	58·72	81	35·41	92
1935	25·22	52	23·97	86	29·83	70	43·43	83	50·60	97	27·11	58	31·82	88	25·03	59	22·42	59	25·21	59	36·83	78	25·42	77
1936	21·14	50	20·02	78*	21·91	74	31·68	82	36·93	103	22·35	62	22·98	76	28·10	53	19·20	54	22·83	68	26·85	64	19·50	77
1937	13·22*	29*	27·17	85	36·56	74	44·29	82	41·56	119	24·32	66	32·14	74	32·32	57	26·32	58	28·41	64	37·88	92	31·26	81
Averages ..	32·48	68	30·29	92	31·42	73	45·03	74	52·12	98	30·47	70	39·15	90	34·80	71	28·86	67	31·67	61	42·12	74	31·42	76
Number of years of Record ..	17	17	24	22	41	41	18	18	35	34	23	22	47	47	58	56	32	32	15	14	18	18	48	47

Johnstown—
1937.—No record for July to December.

Kabunga—
1916.—Record for June and July estimated from surrounding stations.
1924.—No record for August.
1929.—No record of number of days of rain for February.
1936.—No record of number of days of rain for July.

Kandanga—
1917.—No record for January and February.
1918.—Record for January and February only.
1920.—Record for June from Amamoor.
1932.—No record for January.

Kia Ora—
1914.—No record for October to December.
1915.—Record for October to December only.
1916.—No record for December.
1917.—No record for October.
1918.—No record for February, July, August, and October.
1929.—No record of number of days of rain for January and February.

Kumbia—
1918.—No record for December.
1919.—No record for June to September, November, and December.
1924.—No record for August to December.
1927.—No record for January to August.
1928.—Record for January and February only.
1931.—No record of number of days of rain for January to July.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Lake Manchester (Brisbane).		Lamington (Wyvern).		Landsborough.		Lowood.		Maleny No. 1.		Maleny Post Office.		Manly (Brisbane).		Mapleton.		Marburg Post Office.		Marburg No. 2.		Maroochydore.		Maryborough.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	..	..	69·36	85	23·10	68	79·75	143	..	..	44·58	67	74·12	113	26·68	78	..	..	..	..	63·64	96
1914	..	..	..	..	72·40	115	29·79	84	77·95	159	..	..	27·74	68	76·06	140	34·19	107	..	..	..	..	49·72	117
1915	..	..	..	..	43·07	44*	17·15	44	44·99	105	9·07*	20*	28·48	61	48·54	80	19·77	66	..	..	..	..	24·98	76
1916	..	..	..	..	66·40	95	28·19	67	68·12	155	72·89	130	44·68	71	65·51	139	31·18	99	..	..	..	..	54·41	123
1917	24·24*	73*	..	..	45·05	84	34·47	71	61·50	138	64·44	135	39·86	67	52·48	126	35·10	98	..	..	..	..	41·19	101
1918	23·92	107	..	..	55·01	92	18·64	50	64·19	135	67·35	121	31·35	66	61·28	114	21·05	77	..	..	..	..	38·77	102
1919	17·89	89	..	..	38·09	88	14·80	51	43·57	115	43·46	107	25·73	65	39·87	90	17·01	60	..	..	..	..	23·43	74
1920	31·47	109	..	..	67·98	85	27·38	63	73·38	141	79·41	124	46·19	78	71·93	112	28·51	64	..	..	..	..	48·13	105
1921	46·17	133	..	..	75·76	114	32·80	70	94·37	175	92·24	136	57·29	94	90·88	128	33·65	68	..	..	..	..	54·75	136
1922	24·33	78	..	..	46·86	61	22·60	51	59·09	115	65·45	98	39·97	76	55·76	95	19·46	24	..	..	..	..	35·95	81
1923	19·79	77	..	..	46·89	67	14·74	48	59·38	105	64·67	75	38·35	61	56·22	88	17·93	33	..	..	..	..	46·05	70
1924	32·34	89	..	..	56·27	87	29·50	73	50·92	132	65·69	99	56·93	92	61·60	100	6·71*	12*	..	..	..	..	48·37	35*
1925	40·39	115	..	..	65·45	99	28·16	77	84·48	162	107·37	119	67·09	99	82·76	120	..	..	27·34	65	..	..	53·29	131
1926	26·68	94	..	..	59·04	91	19·92	62	39·46*	84*	68·86	83	33·30	75	76·52	95	20·62	45	20·03	45	..	..	53·17	101
1927	46·89	109	..	..	104·56	116	39·24	89	..	..	114·05	102	57·81	73*	93·25	113	42·84	90	39·73	55*	..	..	57·87	133
1928	42·71	118	..	..	97·14	149	42·74	97	..	..	105·97	127	54·38	102	90·25	133	40·78	74	53·17	78	..	..	55·33	130
1929	35·64	87	..	..	65·40	107	32·88	70	..	..	65·66	79	50·35	77	71·87	95	31·39	52	30·89	49*	73·03	97	37·30	97
1930	34·64	118	..	..	84·02	156	30·25	87	..	..	97·84	127	39·45	106	87·48	129	24·16	66	31·02	61*	72·66	127	51·75	133
1931	46·62	105	26·97*	66*	92·84	133	35·74	88	..	..	104·55	118	65·84	96	89·78	136	38·02	72	40·64	71	79·42	110	56·59	138
1932	24·14	93	23·95	81	39·55	93	21·69	69	..	..	49·13	97	22·64	75	30·15	108	17·77	55	20·32	52	39·20	90	29·08	115
1933	38·25	107	43·11	104	65·79	117	39·76	89	..	..	79·73	118	47·62	105	72·60	123	34·33	61	32·54	66	68·56*	85*	54·45	125
1934	44·26	107	44·78	98	71·94	120	38·27	86	..	..	86·44	128	64·65	98	74·67	130	38·90	73	37·18	70	81·98	161	62·94	140
1935	35·02	101	35·10	59*	57·81	113	34·35	82	..	..	70·68	120	52·60	87	63·65	107	31·71	67	11·11*	17*	67·96	144	39·45	107
1936	21·00	92	31·41	64	44·75	107	17·15	66	..	..	55·71	122	26·07	82	49·39	119	19·66	65	19·65	54	46·00	146	28·40	104
1937	29·53	100	41·36	73	62·36	117	25·20	73	..	..	63·22	127	38·32	104	66·05	136	35·12	72	31·65	72	72·73	151	38·59	113
Averages ..	33·08	101	36·62	84	65·32	95	30·82	78	68·27	138	76·58	113	41·93	75	69·51	112	29·86	67	32·01	64	66·62	128	46·05	106
Number of years of Record ..	20	20	6	5	45	43	49	48	20	20	22	22	39	38	34	34	42	38	12	9	8	8	67	66

Lake Manchester—
1917.—No record for January to March.

Lamington—
1931.—No record of number of days of rain for January to March.
1935.—No record of number of days of rain for July to September.

Landsborough—
1914.—Record for March, June, October, and December, estimated.
1915.—Record for January to March, estimated.

Maleny No. 1—
1926.—No record for December.

Maleny Post Office—
1915.—No record for January to October.

Manly—
1927.—No record of number of wet days for October.

Marburg Post Office—
1924.—Record for January and February only.

Marburg No. 2—
1927.—No record of number of days of rain for October.
1929.—No record of number of days of rain for October and December.

Marburg No. 2—*continued.*
1930.—No record of number of days of rain for January and February.
1935.—Record for January, November and December only.

Maroochydore—
1933.—No record for October.

Maryborough—
1924.—No record of number of days of rain for January to August.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division .. SOUTH COAST—MORETON—*continued.*

Name of Station ..	Mary Smokes (Avondale).		Mayne Junction (Brisbane).		Merlwood.		Milton (Brisbane).		Miva.		Montville.		Moogera.		Mooloolah (formerly Glen Farm).		Moore.		Morningside (Brisbane).		Mount Alford.		Mount Alford (Mountain View).	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	41·36	94	30·56	58	41·48	64	47·23	71	76·09	134	..	..	..	..	34·34	77	..	..	31·83	77	..	..
1914	..	..	37·04	97	25·26	48	35·17	78	29·48	59	80·11	148	..	..	..	..	35·68	67	..	..	35·65	88	..	..
1915	..	..	24·92	61	18·33	47	24·34	53	25·77	42	44·96	98	..	..	..	..	23·62	46	..	..	21·35	55	..	..
1916	..	..	40·54	74	31·50	55	50·89	81	35·54	69	75·61	136	..	..	..	..	38·86	68	25·07*	56*	40·98	97	..	..
1917	..	..	40·84	75	31·21	52	38·81	70	32·15	61	59·54	125	16·82*	30*	..	..	37·51	60	41·64	95	49·72	84	..	..
1918	..	..	21·54	63	21·70	37	21·29	67	30·08	73	66·84	117	14·70	63	..	..	27·38	54	25·67	89	14·04	43	..	..
1919	..	..	17·43	36	14·44	25	19·06	51	15·27	38	40·45	96	21·03*	70*	..	..	28·99	40	22·08	64	6·72*	21*	..	..
1920	..	..	40·34	78	28·29	52	38·86	73	35·39	61	73·69	144	32·49	82	..	..	39·04	51	40·15	89	..	..	..	..
1921	..	..	55·78	74	34·34	48	55·40	89	46·39	59	101·24	169	44·36*	103*	..	..	44·44	38	51·39	110	..	..	..	..
1922	..	..	34·58	79	18·78	42	34·17	53	25·93	52	60·38	108	24·05	69	..	..	28·56	34	33·62	73	..	..	..	..
1923	..	..	25·70	70	27·54	46	19·65	52	28·23	58	64·57	92	23·67	62	..	..	21·19*	27*	24·54	64	20·63	54	..	..
1924	..	..	42·01	78	40·50	70	42·64	72	..	..	68·23	107	43·32	81	..	..	34·21	67	42·89	73	45·39	81	52·42	94
1925	..	..	52·97	99	27·20	49	50·63	86	33·68*	56*	87·46	130	36·46	81	..	..	38·66	91	52·80	95	31·66	60	37·78	90
1926	..	..	27·58	82	20·83	38	24·11	46*	37·72	65	69·57	111	26·93	62	47·82*	69*	13·22*	48*	26·40	80	24·70	50	22·65	54
1927	..	..	63·56	105	42·36	66	62·07	79	38·88	74	106·29	126	47·59	95	72·57*	65*	7·14*	13*	57·41	96	47·24	73	46·08	83
1928	29·29*	98*	50·72	105	35·57	63	55·10	86	38·29	75	103·37	135	44·16	89	87·15	112	52·96	62	49·86	87*	40·02	63	47·34	81
1929	43·46	96	40·48	82	33·53	50	39·03	59	37·76	58	81·39	99*	32·78	80	62·35	83	40·74	55	39·43	78	32·49	30*	35·67	70
1930	44·82	141	43·73	95	24·51*	30*	33·29	62	34·12	73	105·08	144	37·16	89	86·21	120	40·20	76	41·52	87*	34·41	70	39·72	85
1931	55·53	121	69·76	98	36·28	55	66·41	85	35·69	73	104·30	144	38·33	85	89·52	106	41·90	91	68·50	101*	39·23	85	39·68	90
1932	22·37	107	24·29	80	24·73	44	23·89	56	19·92	56	43·18	114	26·64	70	37·86	79	26·67	69	24·93	82	24·78	55	28·36	74
1933	46·12	123	50·53	98	37·30	73	43·49	85	42·51	73	78·35	128	41·83	82	63·98	101	34·85	85	50·13	105	43·45	87	44·60	83
1934	47·13	113	58·81	90	40·68	71	55·17	81	45·86	67	87·91	149	41·77	82	77·70	106	41·46	79	57·44	104	40·90	81	43·02	74
1935	40·98	95	39·05	102	24·55	62	31·53	81	35·85	69	68·01	128	34·03	79	54·40	80	31·71	72	40·21	100	33·70	80	34·14	71
1936	28·27	100	23·74	86	20·51	65	24·42	70	33·84	71	59·51	149	25·87	74	48·89	69	21·71	54	24·59	95	26·85	77	27·28	64
1937	39·24	106	35·25	106	28·81	70	34·14	80	37·75	71	77·48	156	50·17	87	61·51	98	32·71	64	35·79	97	42·96	73	47·85	72
Averages ..	40·88	111	39·47	82	28·82	54	37·74	73	35·43	68	74·99	128	34·55	78	66·96	95	35·28	64	38·58	81	34·19	72	39·04	77
Number of years of Record ..	9	9	37	36	25	25	39	35	30	30	27	26	18	18	10	10	22	22	32	29	22	21	14	14

Mary Smokes—
1928.—No record for January to June.

Merlwood—
1930.—No record for August to December.

Milton—
1926.—No record of number of days of rain for July.

Miva—
1925.—No record for July to October.

Montville—
1929.—No record of number of days of rain for December.

Moogera—
1917.—Record for October to December only.
1919.—No record for June.
1921.—No record for June.

Mooloolah (formerly Glen Farm)—
1926.—No record for January and February.
1927.—No record for June to October.

Moore.—
1923.—No record for June, July and September.
1926.—No record for October to December.
1927.—Record for October and November only.

Morningside—
1912.—Station closed ; reopened 1916.
1916.—No record for January to May.
1928.—No record of number of days of rain for February.
1930.—No record of number of days of rain for December.
1931.—No record of number of days of rain for April.

Mount Alford—
1919.—No record for April to December.
1929.—No record of number of days of rain for April to December.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Mount Brisbane.		Mount Cotton.		Mount Crosby.		Mount Gipps.		Mount Gravatt (Brisbane).		Mount Mee.		Mount Woot-tha.		Mundoolun.		Mungar Junction.		Murarrie (Brisbane).		Murgon.		Murphy's Creek.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	31·15	80	..	..	32·75	86	..	..	40·28	88	63·12	103	90·96	145	33·65	84	60·02	93	39·87	62	33·41	71	19·63	40
1914	31·33	103	..	..	30·66	94	..	..	38·81	99	67·45	171	87·01	155	30·19	108	43·11	74	38·36	65	29·48	50	27·32	53
1915	21·04	59	6·59*	28*	22·29	52	..	..	28·17	66	35·42	82	47·06	98	24·92	62	25·06	45	26·47	46	24·59	43	16·99	31
1916	38·13	38*	46·78*	110*	39·31	95	..	..	37·76*	97*	58·81	114	72·54	147	43·65	112	48·48	89	40·28	83	30·62	74	28·54	50
1917	38·31	88	41·80	104	37·14	90	22·34*	48*	26·27*	44*	53·21	102	48·56*	91*	37·30	85	38·95	64	33·30	66	34·66	69	31·36	43
1918	21·27	41*	29·65	92	19·88	85	20·76	47	25·93	57	42·80	99	..	..	18·45	78	29·67	46	22·49	58	20·95	49	11·14	32
1919	18·45	70	28·13	82	17·65	71	27·04	42	25·15	71	29·54	93	..	..	19·44	72	24·30	38	24·11	62	17·14	37	13·68	50
1920	35·89	95	53·22	94	34·04	86	47·57	43	34·85	99	51·46	112	..	..	38·79	79	44·17	60	41·53	88	25·82	52	30·75	46
1921	39·16	110	74·55	126	44·01	117	33·94*	38*	53·31	118	80·97	121	..	..	47·28	104	58·98	105	53·77	89	36·98	71	28·35	53
1922	28·48	74	42·70	95	27·50	75	33·57	90	26·21	74	41·50	67	..	..	31·77	67	32·19	65	31·41	69	20·24	44	20·39	39
1923	22·03	61	36·92	79	16·83	67	43·33	94	8·80*	31*	36·70	64	..	..	21·20	64	38·30	62	23·67	59	26·96	49	16·18	30
1924	33·67	71	51·32	95	28·81	83	49·70	111	33·73	72	48·90	79	..	..	38·43	103	45·84	77	42·08	74	40·42	75	32·70	52
1925	34·93	79	73·54	137	34·80	94	60·93	62*	46·42	91	48·01	47*	..	..	41·26	99	40·06	83	37·61	63	29·10	51	31·30	53
1926	22·13	52	42·74	88	18·56	72	30·39	35*	27·07	66	33·65	33*	..	..	20·41	66	49·85	60	23·16	30*	27·47	44	22·64	41
1927	44·49	76	68·24	106	46·25	100	48·80	90	51·93	91*	79·35	93	..	..	46·69	90	51·50	85	60·45	93	42·55	79	37·20	53
1928	43·27	96	76·46	113	44·98	104	54·91	84	49·53	104	68·91	129	..	..	45·77	105	59·11	76	53·49	107	36·45	80	41·07	78*
1929	42·88	78	57·76	102	31·17	77	48·45	59	38·54	83	18·14*	15*	..	..	39·44	86	43·72	63	42·24	85	35·99	56	29·18	53
1930	41·35	104	58·57	105	31·53	93	34·49*	25*	40·71	116	..	..	..	..	41·79	100	48·18	97	43·21	105	35·03	80	29·34	67
1931	43·50	106	102·04	91	43·53	90	..	..	70·15	109	..	..	..	..	47·90	98	53·54	81	64·93	108	34·79	80	44·17	73
1932	22·02	80	33·94	82	22·51	79	27·00	77*	27·49	86	29·62	85	..	..	24·20	89	28·82	50	24·32	86	24·62	56	24·32	56
1933	39·65	102	61·78	111	35·49	85	45·32	64	51·45	109	66·97	91	..	..	39·60	92	50·78	73	49·12	113	39·09	100	33·97	73
1934	33·49	91	77·39	109	39·37	92	37·32	50	55·59	106	71·96	97	..	..	37·77	94	58·68	68	62·41	104	43·33	88	33·30	64
1935	27·63	74	43·80	93	29·47	76	32·26*	63*	42·49	99	39·66	76	..	..	41·48	87	38·33	59	41·88	90	24·61	75	24·68	50
1936	18·25	66	37·73	92	14·74	61	40·00	85	24·13	86	30·37*	72*	..	..	19·77	75	30·76	50	23·86	73	20·96	72	25·82	60
1937	31·11	77	53·09	103	21·81	72	48·93	97	39·16	100	..	..	..	..	29·81	86	43·15	54	37·32	99	29·78	78	25·71	67
Averages ..	33·02	80	54·54	100	33·41	83	41·50	74	39·10	121	53·21	99	77·66	126	36·79	98	43·15	75	38·45	78	30·52	64	27·58	57
Number of years of Record ..	43	41	21	21	44	44	16	13	28	27	23	21	12	8	57	57	44	43	39	36	28	28	42	41

Mount Brisbane—
1916.—No record of number of days of rain for April to October.
1918.—No record of number of days of rain for March to July.

Mount Cotton—
1915.—No record for January to June.
1916.—No record for February and March.

Mount Gipps—
1917.—No record for January and May.
1921.—No record for January, April, May, and July to October.
1925.—No record of number of days of rain for January.
1926.—No record of number of days of rain for January and February.
1930.—No record for June to December.
1932.—No record of number of days of rain for June–July.
1935.—No record for March. No record of number of days of rain for April.

Mount Gravatt—
1916.—No record for December.
1917.—No record for January to March.
1922.—Record for December estimated.
1923.—No record for January to June.
1927.—No record of number of days of rain for December.

Mount Mee—
1925.—No record of number of days of rain for January.
1926.—No record of number of days of rain for December.
1929.—Record for January and February only.
1936.—No record for December.

Mount Woot-tha—
1917.—No record for November and December.

Murarrie—
1926.—No record of number of days of rain for February to June, and August.

Murphy's Creek—
1916.—Record for December estimated.
1928.—No record of number of days of rain for September.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Myola (formerly Tamrookum).		Nambour.		Nanango.		Narangba.		Nerang.		Neygoonby (Cinnabar).		North Deep Creek.		Nukinenda.		Nundah (Brisbane).		Nyama.		Ormesby.		Oxenford.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	29·95	60	73·69	115	29·12	101	..	..	62·30	98	30·98	66	..	..	31·68	49	43·10	98	..	..	50·75	125	55·40	68
1914	31·84	68	77·23	147	26·42	103	..	..	48·37	131	24·91	72	..	..	31·85	55	38·88	103	..	..	57·37	156	51·15	110
1915	15·43	33	43·11	86	19·90	73	..	..	30·40	72	24·49	56	..	..	24·33	37	28·77	80	..	..	34·35	87	29·99	66
1916	44·83	80	67·33	146	40·90	118	..	..	55·22	112	31·31	84	..	..	33·09	61	46·92	105	..	..	52·08	158	59·59	117
1917	39·36	72	58·93	110	37·20	103	..	..	50·07	97	33·14	82	..	..	38·91	61	41·50	109	..	..	46·27	125	47·61	113
1918	23·26	55	58·63	120	22·08	75	..	..	34·03	65	23·19*	47*	..	..	19·81	31	27·73	114	..	..	42·13	122	33·20	92
1919	18·13	56	39·92	101	15·99	80	..	..	44·46	55	..	..	..	..	16·30	43	25·21	78	..	..	27·52	106	42·45	90
1920	32·96	68	70·84	127	30·76	90	8·93*	11*	62·78	86	..	..	..	..	38·14	62	38·48	102	..	..	49·46	140	57·63	86
1921	50·24	85	82·29	136	42·74	110	61·57	109	74·44	87	..	..	..	..	33·51	64	53·23	118	..	..	59·62	160	71·20	126
1922	22·38	43	49·68	115	21·19	83	37·90	63	36·84	60	..	..	..	..	22·52	41	33·94	91	..	..	38·36	105	40·87	79
1923	19·81	46	59·37	99	25·62	66	29·48	51	37·66	70	..	..	..	..	17·28	22	26·18	71	..	..	45·75	89	34·77	76
1924	39·14	71	59·58	123	37·39	77	47·06	71	56·15	75	..	..	12·37*	24*	33·07	45	43·40	86	..	..	22·27*	54*	47·08	87
1925	27·06	71	82·66	137	28·19	80	59·34	83	63·41	83	..	..	60·42	135	36·87	60	55·30	108	21·87	60	..	..	65·83	113
1926	20·81	48	65·45	101	22·82	56	33·81	66	44·46	67	..	..	46·79	94	22·45	38	30·15	84	19·46	44	48·88*	64*	43·06	76
1927	39·42	65	97·26	125	37·67	75	72·06	84	72·11	96	..	..	63·02	129	47·80	59	65·15	99	38·45	77	75·90	118	69·44	104
1928	44·18	66	90·89	138	35·05	75	68·96	81	69·47	104	..	..	56·02	119	36·93	55	54·06	100	41·32	76	63·82	107	72·39	122
1929	32·33	54	70·32	101	31·65	56	46·77	53	54·47	74	..	..	47·22	94	32·49	39	44·11	72	28·14	62	51·68	77	50·90	96
1930	37·51	58	76·99	112	27·53	77	49·48	82	67·63	104	..	..	49·75	126	37·70	52	43·35	107	29·21	86	56·84	109	62·20	123
1931	38·72	61	81·42	113	35·02	75	88·35	74	87·24	93	..	..	52·12	124	42·09	49	68·16	102	34·10	80	63·78	97	77·78	121
1932	20·71	44	34·79	93	23·51	62	27·90	60	34·41	79	..	..	30·90	86	20·56	48	23·29	84	19·99	52	26·80	76	31·92	81
1933	32·37	69	74·50	117	31·06	79	50·10	67	61·88	94	..	..	51·68	103	13·09*	21*	54·76	102	32·48	70	61·78	92	55·76	99
1934	34·80	60	70·65	123	36·85	86	59·29	71	70·76	96	..	..	61·22	102	..	..	57·04	105	35·33	70	59·64	107	73·68	102
1935	29·17	57	60·47	97	25·04	60	41·36	54	38·55	89	..	..	40·88	85	..	..	39·95	94	28·55	60	41·04	87	41·53	88
1936	22·45	51	44·56	104	19·63	64	24·89	48	29·80	78	..	..	35·63	88	..	..	22·05	75	21·36	60	31·43	80	31·77	83
1937	34·02	60	68·03	122	24·94	72	47·45	59	66·47	96	..	..	42·82	97	..	..	35·84	98	32·41	78	47·82	90	58·40	100
Averages ..	31·24	60	64·15	110	30·97	82	49·75	69	56·36	103	28·97	72	49·11	106	30·98	51	42·00	92	29·44	67	48·18	112	50·62	93
Number of years of Record ..	25	25	42	42	56	56	17	17	51	50	5	5	14	13	27	27	43	38	13	13	25	24	39	36

Narangba—
1920.—Record for October to December only.

Neygoonby—
1918.—No record for August to December.

North Deep Creek—
1924.—No record for January to September.

Nukinenda—
1933.—No record for September to December.

Ormesby—
1924.—No record for July to December.
1926.—No record for January and February.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued*.

Division ..	SOUTH COAST—MORETON—*continued*.																					
Name of Station ..	Oxley (Brisbane).		Palmwoods Post Office.		Peachester.		Pechey (formerly Crows Nest).		Petrie (formerly Pine River North).		Pialba.		Pimpana.		Pine Mountain, "Viewmount."		Pinkenba (Brisbane).		Plain View.		Pomona.		Rathdowney.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	32·66	70	71·68	81	..	..	..	..	48·23	73	63·43	82	54·03	95	..	..	44·81	82	..	..	..	..	28·98	71
1914	35·36	86	79·93	93	..	..	..	..	47·10	84	42·75	107	47·15	127	..	..	35·91	115	..	..	..	..	35·92	90
1915	23·99	56	35·29	42	4·15*	7*	..	..	32·40	47	28·13	56	30·78	80	..	..	27·05	74	..	..	..	..	19·67	60
1916	53·29	84	66·69	87	66·57	128	..	..	45·85	75	49·24	78	54·76	119	..	..	41·53	100	..	..	..	..	35·54	89
1917	40·68	72	54·46	67	55·01	126	..	..	42·75	66	53·47	81	42·95	104	..	..	39·18	88	..	..	..	..	36·61	76
1918	20·80	65	58·44	70	57·76	121	..	..	30·94	67	36·13	60	33·02	106	..	..	24·43	79	..	..	..	..	18·90	64
1919	22·27	37	40·08	76	40·27	114	..	..	25·83	69	18·74	63	34·15	80	..	..	21·72	63	..	..	3·18*	16*	14·65	44
1920	39·84	54	71·69	89	66·72	130	..	..	42·00	96	40·18	92	38·70	98	..	..	35·62	91	..	..	64·02	112	32·63	67
1921	45·40	60	87·66	119	90·67	174	..	..	60·95	106	49·33	114	68·78	115	..	..	47·35	96	..	..	71·31	127	44·55	103
1922	29·40	65	56·40	107	59·79	118	..	..	35·16	75	32·90	73	28·62	53	..	..	29·44	73	..	..	50·34	74	23·64	65
1923	22·00	..	59·06	98	54·62	105	..	..	28·58	66	38·06	71	24·32	45	..	..	27·26	70	..	..	58·31	72	22·57	67
1924	32·86	..	65·18	115	66·10	141	..	..	48·65	75	46·33	103	7·77*	10*	..	..	42·73	89	9·67*	20*	54·75	89	34·70	85
1925	46·38	..	79·64	125	83·11	139	..	..	62·90	87	43·01	89	59·34	139	13·26*	25*	50·25	102	60·88	87	74·97	114	28·48	84
1926	33·50	..	66·25	99	63·79	94	..	..	33·38	69	48·69	77	15·79*	36*	17·25	50	35·73	66	40·33	62	55·98	88	23·02	58
1927	55·14	91	92·80	128	91·13	121	23·26*	79*	73·82	91	63·03	94	..	..	40·03	85	60·32	94	65·71	78	86·01	102	36·69	66
1928	50·72	93	92·40	120	94·99	140	44·10	60*	68·85	88	48·90	78	..	..	37·77	90	60·15	102*	52·51	92	75·59	111	51·88	78
1929	45·68	68	68·55	100	66·92	106	35·87	77	55·32	70	31·68	70	..	..	31·63	59	45·00	81	40·19	67	58·68	105	31·37	49
1930	41·75	85	84·43	149	81·85	115	39·60	87	52·37	91	54·07	124	..	..	33·29	86	41·22	115	44·63	91	74·30	135	33·66	55
1931	67·10	88	88·22	129	93·88	128	45·34	64*	69·02	79	50·29	127	..	..	46·55	79	65·69	116	54·82	94	71·92	127	37·00	74
1932	27·21	63	36·01	115	36·86	106	25·83	72	24·66	64	23·67	104	..	..	25·04	88	22·12	96	22·93	76	33·98	102	20·11	64
1933	35·53	86	67·95	125	75·19	131	38·00	91	55·95	86	57·23	128	..	..	34·74	68	51·71	123	41·88	99	56·68	99	36·87	90
1934	43·46	85	72·81	124	79·50	133	44·31	99	63·34	86	62·83	126	..	..	44·89	56	60·27	117	51·50	95	61·20	105	40·27	84
1935	35·95	81	60·14	109	62·94	118	24·39	59	48·82	76	35·02	101	..	..	33·93	51	45·22	116	31·82	70	57·99	85	32·69	69
1936	21·53	63	45·40	120	44·59	119	24·79	75	25·64	78	28·52	100	..	..	13·87	38	24·38	107	25·61	71	39·25	83	25·96	81
1937	30·52	77	61·57	122	58·69	122	32·07	79	41·55	83	38·30	114	..	..	27·16	43	33·62	122	37·24	87	51·08	110	41·30	99
Averages ..	35·99	70	65·32	101	67·77	124	35·43	80	47·94	83	41·27	79	44·42	99	32·18	66	38·90	87	43·85	82	60·91	102	31·51	73
Number of years of Record ..	39	30	43	36	22	22	10	8	51	50	38	37	16	16	12	12	39	35	13	13	18	18	25	25

Peachester—

1915.—Record for November and December only.

Pechey (formerly Crows Nest)—

1927.—No record for January to March.
1928.—No record of number of days of rain for October.
1931.—No record of number of days of rain for July.

Pimpana—

1924.—No record for March to December.
1926.—No record for May to December.

Pine Mountain—

1925.—No record for January to May.

Pinkenba—

1928.—No record of number of days of rain for December.

Plain View—

1924.—No record for January to August.

Pomona——

1919.—No record for January to July.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																							
Name of Station ..	Ravensbourne.		Redbank.		Redcliffe.		Retreat.		Riverview.		Roadvale.		Robert's Plateau.		Rocklea (Brisbane).		Rockview.		Rosevale.		Rosewood.		Russell Island.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	30·02	51	49·13	83	..	..	27·71	61	27·32	42	..	..	40·28	71	..	..	..	..	26·93	65	..	..
1914	..	..	27·68	39	48·91	103	..	..	31·72	69	28·13	46	..	..	36·42	81	..	..	..	..	38·52	50	43·99*	91*
1915	..	..	20·65	36	34·81	52	..	..	20·38	42	18·26	28	..	..	25·97	48	..	..	3·99*	11*	22·46	48	29·73*	67*
1916	..	..	50·94	64	45·85	77	..	..	42·82	59	37·11	52	35·96*	116*	44·46	75	..	..	32·88	88	37·90	81	59·57	136
1917	..	..	37·36	79	44·57	61	..	..	33·64	65	18·04*	22*	48·09	124	40·65	72	19·40*	46*	41·17	84	37·34	87	44·26	112
1918	..	..	17·34	63	27·03	60	..	..	17·62	50	5·23*	19*	43·36	125	23·73	62	22·42	63	17·73	71	19·64	75	43·81	117
1919	..	..	16·45	49	27·50	50	..	..	17·03	42	16·83	44	40·98	95	23·51	60	22·16	66	18·34	59	20·31	63	41·30	112
1920	..	..	32·45	65	46·99	77	..	..	31·39	60	30·70	60	31·70*	51*	37·49	72	42·68*	96*	31·14	74	29·42	69	63·37	135
1921	..	..	48·16	78	75·52	106	..	..	49·66	73	16·40*	44*	88·13	139	54·97	96	44·47*	73*	43·17	85	41·47	80	74·17	156
1922	..	..	26·23	44	36·61	77	..	..	28·53	47	10·88*	11*	52·20	105	32·23	75	24·08*	60*	20·93	59	25·77	46	41·47	108
1923	..	..	15·61	49	36·71	75	..	..	16·53	33	12·39*	19*	55·23	102	21·27	57	31·22	58	15·21	47	19·76	45	43·40	105
1924	..	..	35·78	61	36·93	76	..	..	37·40	57	32·98	40	46·74	83	34·68	76	33·31*	79*	38·96	91	35·66	58	55·19	109
1925	..	..	36·34	38	55·14	86	..	..	12·23*	19*	26·85	49	92·73	140	..	..	..	..	24·04	61	32·33	67	80·16	167
1926	..	..	24·40	37	32·18	56	..	..	..	..	17·41	38	50·64	103	..	..	13·45*	28*	27·36	69	17·10	48	34·74	81
1927	..	..	56·54	55	61·48	91	..	..	..	..	45·25	59	68·88	135	52·37	98	45·21	98	42·96	88	45·56	87	76·84	92*
1928	..	..	51·58	63	61·75	97	..	..	..	..	26·59*	32*	96·67	148	52·70	80*	50·90	89	41·73	96	43·39	72	72·89	112
1929	..	..	44·07	52	43·00	74	..	..	..	..	34·61	50	78·22	104	39·32	75	47·86	66	36·81	65	35·53	69	64·34	84
1930	..	..	36·77	67	51·92	116	..	..	..	..	29·62*	49*	..	..	40·68	105	46·20	71	38·15	94	34·89	92	24·23*	53*
1931	..	..	43·54	66	74·48	106	7·04*	17*	..	..	38·06	64	..	..	72·40	99	44·65	94	42·04	89	40·78	89	82·22	119
1932	..	..	23·86	58	28·26	74	17·65	64	..	..	20·96	51	..	..	25·22	68	24·87	83	24·09	78	20·30	67	..	..
1933	42·16*	90*	39·78	69	51·70	101	38·76	73	..	..	34·94	56	70·19	123	42·85	86	42·68	104	49·12	96	42·15	75	..	..
1934	51·17	104	42·60	64	66·93	96	47·29	81	..	..	38·14	47	74·74	141	49·83	92	44·68	89	42·22	89	41·74	70	..	..
1935	31·74	78	39·97	77	42·40	83	34·38	59	..	..	32·87	46	46·53	120	45·62	96	35·33	53*	33·64	78	31·22	68	..	..
1936	30·26	67*	20·19	57	22·00	82	25·13	45	..	..	18·41	46	41·75	131	26·53	82	33·99	76	22·22	73	19·36	58	..	..
1937	37·14	..	33·04	73	36·02	103	30·09	51	..	..	30·87	54	51·32	147	34·02	103	34·40*	77*	37·45	85	35·67	72	..	..
Averages ..	37·58	91	32·56	55	48·19	91	32·22	62	31·26	63	29·10	57	61·55	121	37·48	77	37·86	80	32·79	78	32·17	88	58·52	118
Number of years of Record ..	4	2	37	35	52	49	6	6	23	23	24	22	17	17	35	34	13	12	22	22	44	41	15	14

Ravensbourne—
1933.—No record for January.
1936.—No record of number of days of rain August to November.

Retreat—
1931.—No record for January to October.

Riverview—
1925.—No record for April to December.

Roadvale—
1917.—No record for September, October and December.
1918.—Record for October to December only.
1921.—No record for July to December.
1922.—No record for January to August.
1923.—No record for November.
1928.—No record for July to December.
1930.—No record for March.

Roberts Plateau—
1916.—No record for January to April.
1920.—No record for May to December.

Rocklea, Brisbane—
1928.—No record of number of days of rain for April.

Rockview—
1917.—No record for January to April.
1920.—No record for December.
1921.—No record for January, February and May.
1922.—No record for January.
1924.—No record for December.
1926.—No record for January to June.
1935.—No record of number of days of rain for July to December.
1937.—No record for December.

Rosevale—
1915.—No record for January to October.

Russell Island—
1914.—No record for January to April.
1915.—No record for July and August.
1927.—No record of number of days of rain for July and August.
1930.—No record for March to May, and September to December.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division .. SOUTH COAST—MORETON—*continued.*

Name of Station ..	Samford (Brisbane).		Samson Vale.		Sandgate (Brisbane).		Sandy Creek.		Sherwood (Brisbane).		Sinia (formerly Oakview).		Skyring Creek.		South Passage.		Southport.		Speedwell.		Springbrook.		St. Helena Island.	
Year.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.
1913	43·32	70	..	..	48·89	100	..	..	36·74	79	..	..	..	..	58·67	62	54·67	99	36·96	..	..	..	42·10	65
1914	36·90	107	..	..	37·59	97	..	..	36·82	86	..	..	..	..	72·40	55	47·69	118	23·39	..	41·36*	87*	40·28	76
1915	23·30	62	..	..	31·31	72	..	..	20·58	57	..	..	..	..	35·51	36	26·53	64	21·49	..	51·67	113	33·45	73
1916	42·32	102	..	..	47·85	107	..	..	48·67	87	..	..	..	..	48·62	65	51·86	92	28·60	..	132·00	192	55·12	104
1917	42·93	85	..	..	48·95	95	..	..	37·37	69	..	..	..	..	61·88	71	55·32	96	29·29	..	106·88	157	41·69	91
1918	..	..	..	..	25·69	104	..	..	20·47	70	..	..	..	..	63·92	86	41·65	97	16·77	..	85·36	151	29·79	88
1919	..	..	20·18*	80*	22·31	80	..	..	19·34	55	..	..	..	..	58·39*	63*	47·41	75	17·49	..	80·42	120	23·79	67
1920	17·92*	42*	40·56	115	42·30	104	..	..	35·61	82	..	..	38·29*	101*	14·67*	19*	66·75	97	31·23	..	131·32	157	42·46	76
1921	51·83	98	58·94	118	56·37	117	..	..	55·70	103	..	..	53·07	119	107·75	111	80·32	103	38·10	..	166·17	186	56·91	104
1922	34·59	53	33·13	73	35·88	89	..	..	32·23	74	..	..	42·28	104	31·35*	50*	44·02	79	25·12	..	92·38	155	32·34	82
1923	24·33	67	22·82	71	27·59	70	..	..	21·25	68	..	..	44·32	93	..	..	44·21	83	23·18	..	79·87	128	36·02	74
1924	44·32	73	41·01	71	46·01	88	..	..	35·65	83	..	..	52·61	125	..	..	52·67	97	35·60	..	90·47	154	55·06	92
1925	53·30	72	54·29	102	62·20	108	..	..	49·56	93	38·78	128	69·11	118	..	..	78·15	119	29·71	..	175·19	160	61·01	117
1926	31·07	47	30·63	71	31·05	72	..	..	30·13	66	31·90	86	45·38	94	..	..	42·92	80	19·10	..	85·42	133	33·47	93
1927	59·61	64*	58·16	94	66·96	97	..	..	51·64	86	47·94	104	73·83	108	..	..	65·36	106	46·47	..	152·43	163	63·05	110
1928	48·78	55*	66·72	107	63·54	104	33·14*	61*	49·84	95	47·14	110	63·09	116	..	..	72·32	118*	33·88	..	148·56	190	58·49	126
1929	14·06*	11*	44·96	76	43·70	79	48·92	79	40·94	76	42·41	75	53·39	83	..	..	61·66	108	25·87	..	115·05	136	47·79	92
1930	..	..	41·60	85	48·64	111	50·49	100	39·02	103	43·42	90	59·14	95	..	..	69·07	142	35·16	..	151·24	214	43·74	113
1931	6·38*	12*	62·25	80	71·85	116	62·36	90	63·41	99*	36·29	78	64·84	86	..	..	76·34	110	32·70	..	167·29	190	65·37	120
1932	26·72	51*	22·63	57	28·07	94	28·64	86	24·00	78	30·16	55	29·54	59	..	..	31·24	88	26·28	..	68·08	159	26·60	102
1933	47·76	63	49·31	79	53·85	117	50·67	99	41·55	98	..	..	51·29	66	..	..	59·76	118	42·48	..	110·50	208	48·57	112
1934	45·67	65	54·48	72	59·66	108	55·75	100	49·45	99	45·93	84	1·14*	4*	..	..	65·02	110	39·54	..	137·20	210	63·08	105
1935	35·30	78	34·87	73	40·39	99	42·80	73	42·42	100	29·87	75	..	..	..	..	35·63	95	27·97	..	80·91	189	48·96	85
1936	17·40*	41*	22·26	57	22·80	98	31·87	67	27·07	72	25·76	63	..	..	..	..	31·50	96	22·97	..	74·73	189	22·41	79
1937	39·20	73	38·50	73	38·69	103	39·83	85	34·32	90	35·67	67	..	..	..	..	66·93	120	26·40	65	129·27	163	38·41	123
Averages ..	40·62	74	43·17	82	45·89	94	45·70	87	36·69	79	37·94	85	53·99	97	52·21	69	55·12	108	29·19	65	113·58	166	46·96	98
Number of years of Record ..	18	15	18	18	57	57	9	9	39	36	12	12	13	13	20	7	57	56	26	1	23	23	57	57

Samford—
1920.—No record for January to April.
1927.—No record of number of days of rain for December.
1928.—No record of number of days of rain for May and September.
1929.—No record for April to December.
1931.—Record for November and December only.
1932.—No record of number of days of rain for January and August.
1936.—No record for December.

Samson Vale—
1919.—No record for January and February.

Sandy Creek—
1928.—No record for January and February.

Sherwood, Brisbane—
1931.—No record of number of days of rain for April.

Skyring Creek—
1920.—No record for January and February.
1934.—No record for February to December.

South Passage—
1919.—No record for July to December.
1920.—Record for October to December only.
1922.—No record for June to December.

Southport—
1928.—No record of number of days of rain for August.

Springbrook—
1914.—No record for January to July.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	St. Lucia.		Sunnybank (Brisbane).		Taabinga.		Tabooba.		Talle-budgera.		Tamborine Mount.		Taringa (Brisbane).		Tarome.		Tarong.		Tewantin.		Theebine.		The Grange (Nanango).	
Year.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain. fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.	Rain-fall.	Days.
1913	..	..	36·70	63	..	..	31·35	50	62·49	82	59·76	144	34·97	65	32·73	60	..	..	75·51	91	48·82	79	28·41	84
1914	..	..	35·43	72	..	..	39·28	75	48·10	99	50·32	163	32·02	66	34·86	71	..	..	79·58	101	39·38	56	25·29	87
1915	..	..	23·08	48	..	..	22·69	37	34·31	56	36·34	103	17·58	48	19·58	42	..	..	37·78	62	29·06	50	27·12	67
1917	..	..	44·22	75	..	..	47·15	73	61·10	83	68·11	163	51·69	91	34·63	73	..	..	67·45	130	41·92	72	34·37	104
1916	..	..	41·35	78	..	..	45·52	68	68·26	73	54·73	140	40·31	79	39·44	83	..	..	57·93	128	29·93	40	36·84	91
1918	..	..	23·93	46	..	..	30·19	61	51·23	72	32·68	133	24·29	86	16·38	46	..	..	62·60	130	26·57	52	19·11	67
1919	..	..	20·02	53	18·68	27	21·67	38	51·17	67	39·73	105	20·22	68	20·00	56	..	..	44·68	114	16·91	36	16·49	65
1920	..	..	38·27	87	30·80	40	34·43	57	80·09	78	58·93	139	37·97	75	36·13	72	8·61*	18*	80·61	149	41·36	61	27·62	82
1921	..	..	56·23	96	42·09	50	48·72	62	110·25	93	79·66	179	53·73	69	44·40	77	44·25	96	73·46	164	50·50	77	34·72	98
1922	..	..	33·78	72	22·54	36	20·90	39	52·01	60	37·92	127	34·13	42	22·00	30	18·57	46	52·88	115	29·41	47	22·98	67
1923	..	..	25·90	65	20·28	41	13·94	27	49·07	62	33·62	126	17·37	32	..	..	26·29	56	59·09	100	34·48	50	27·56	62
1924	..	..	40·16	78	33·26	63	35·03	52	56·61	58	52·26	133	36·86	55	44·87	65	34·18	72	59·59	121	46·05	76	39·28	89
1925	..	..	51·68	96	23·72	46	23·62	54	73·14	81	66·95	168	48·41	52	31·71	58	27·81	53	80·56	128	42·38	69	30·44	91
1926	..	..	30·45	76	18·54	42	21·04	46	48·52	66	35·86	109	26·51	47	22·74	49	17·64	44	62·72	99	41·85	51	21·49	74
1927	..	..	56·54	94	31·80	56	41·94	61	82·53	86	73·67	136	54·63	52	44·36	62	30·71	65	94·57	117	45·88	73	39·38	97
1928	..	..	52·04	102	32·94	58	45·14	64	95·39	93	74·12	157	46·53	35	38·04	63	34·61	63	84·09	133	46·38	75	42·97	94
1929	..	..	39·63	80	26·48	41	35·33	58	56·96	78	56·86	134	..	..	27·55	37*	30·32	51	67·38	88	44·21	72	30·67	70
1930	..	..	42·84	103	26·84	58	36·56	63	69·87	113	72·12	173	..	..	40·21	68	26·96	60	82·75	139	47·73	71	31·42	92
1931	..	..	73·99	99*	31·49	57	37·20	80	92·31	114	82·32	146	..	..	39·35	58	28·63	47	79·97	145	46·36	75	30·84	98
1932	..	..	23·53	80	21·92	38	26·10	74	40·08	93	31·36	138	..	..	28·40	52	22·03	37	45·63	120	23·55	66	24·73	78
1933	22·13*	56*	48·87	103	35·56	63	41·56	78	61·19	102	64·40	152	..	..	46·36	71	29·37	48	71·71	134	45·25	69	32·68	94
1934	56·07	133	58·97	104	35·17	52	38·55	81	69·09	115	68·74	164	..	..	45·03	73	35·28	45	86·27	150	55·59	75	38·21	89
1935	42·02	112	42·62	97	24·12	42	36·57	78	45·92	98	45·22	133	33·55*	67*	30·24	66	25·58	50	60·36	115	36·98	57	26·93	69
1936	26·41	96	25·52	72	18·95	49	22·19	58	32·79	88	34·65	140	..	..	22·30	42	17·04	54	42·51	124	30·07	41	20·40	65
1937	37·33	104	36·76	111	24·78	46	31·33	60	64·58	111	59·63	147	34·53	84	44·97	53	27·69	46	65·67	118	36·76	55	25·07	64
Averages ..	40·46	111	38·22	82	27·37	48	33·12	60	60·90	91	56·74	140	36·41	66	33·48	61	28·06	55	67·09	116	40·17	67	29·40	81
Number of years of Record ..	4	4	37	33	19	19	25	25	38	38	31	31	31	25	25	24	17	17	43	42	44	42	26	26

St. Lucia—
1933.—No record for January to September.

Sunnybank, Brisbane—
1931.—No record of number of days of rain for April.

Taringa, Brisbane—
1935.—No record for December.

Tarome—
1922.—Record for September estimated from Kalbar and Boonah.
1929.—No record of number of days of rain for August and November.

Tarong—
1920.—No record for January to August.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	The Grange (Mount Mellum).		Thornton.		Tiaro.		Tipperary.		Tomewin (formerly The Gap).		Toogoolawah.		Toombul, Brisbane (formerly Clayfield).		Toowong (Brisbane).		Torbaulea.		Traveston Railway Station.		Valley View.		Veresdale.	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	..	..	52·64	98	..	..	72·99	114	29·82	82	40·64	75	42·24	72	..	..	..	..	..	..	29·40	74
1914	..	..	..	..	45·39	121	..	..	73·74	149	30·85	86	24·64*	43*	36·32	86	..	..	..	..	..	..	32·65	98
1915	..	..	8·80*	27*	25·90	74	17·81*	56*	39·12	76	21·53	70	29·83	49	22·18	62	..	..	..	..	..	..	21·29	58
1916	66·96	155	35·66	95	42·26	91	32·78	87	79·30	126	36·80	104	50·97	81	51·74	90	..	..	..	..	..	..	38·85	93
1917	62·98	159	42·77	96	43·34	75	6·94*	15*	78·13	112	36·55	97	41·63	88	36·66	57	..	..	..	..	19·09*	39*	40·07	88
1918	58·61	171	25·52	85	26·92	61	..	..	57·19	96	22·79	81	28·00	85	21·50	52	..	..	..	..	17·68	41	16·59	75
1919	41·25	155	20·39	58	22·95	58	16·78*	60*	61·26	88	20·71	66	23·68	70	15·97	58	..	..	..	..	17·11	45	15·34	64
1920	68·74	190	34·46	88	41·63	82	30·59	69	93·36	105	35·22	94	..	..	38·91	88	54·01	119	..	..	30·81	44	29·30	68
1921	91·23	221	52·32	94	55·28	102	42·00	83	109·00	154	39·04	118	56·14	122	52·96	117	57·05	140	..	..	41·62*	59*	49·57	87
1922	57·52	144	27·86	43	34·30	65	23·96	48	50·66	98	27·41	76	34·47	88	36·66	75	35·55	91	..	..	21·35	38	24·64	55
1923	52·28	137	15·68	36	36·68	53	23·76	45	41·92	105	22·08	61	28·87	73	20·74	77	41·81	84	..	..	18·94	46	18·32	61
1924	66·72	169	37·93	52	53·96	88	41·96	74	57·23	130	32·84	83	44·07	92	44·13	90	51·31	120	..	..	34·80	67	38·14	83
1925	66·74*	128*	31·39	61	45·40	72	27·59	59	94·38	158	32·59	84	57·02	93	54·08	112	40·53	118	..	..	29·40	45	34·20	79
1926	..	..	19·48	31	45·96	72	24·29	47	55·96	112	25·70	77	31·80	77	30·00	78	49·60	94	..	..	20·01	40	18·52	57
1927	..	..	40·16*	45*	50·63	78	45·22	74	94·05	137	44·04	99	65·16	97	57·14	103	64·94	104	..	..	38·83	57	49·16	78
1928	..	..	25·30*	41*	49·61	81	44·67	77	87·49	139	39·02	91	48·26	79	48·64	109	64·06	113	..	..	38·76	52	35·98	82
1929	..	..	34·95	43	35·53	60	37·19	49	70·20	122	41·35	77	43·05	60	40·03	93	39·67	87	..	..	41·39	52	38·46	63
1930	..	..	37·57	54	46·53	82	34·11	71	84·33	174	36·58	85	34·61	82	38·55	117	48·09*	100*	..	..	38·49	48	45·53	81
1931	..	..	41·09	48	42·35	81	30·98	65	104·65	145	45·25	88	60·50	63	63·20	116	..	..	..	..	29·87	51	42·43	78
1932	..	..	18·01	34	23·65	60	24·16	52	44·19	123	21·82	67	21·11	44	23·38	82	..	..	..	..	21·17	55	20·53	57
1933	..	..	40·05*	31*	43·90	78	32·09	69	79·58	141	32·40	87	26·39*	23*	43·84	101	..	..	44·98	58	34·94	65	15·12*	15*
1934	..	..	9·86*	6*	61·65	80	37·58	70	96·40	155	37·68	87	..	..	49·85	95	..	..	54·34	63	38·66	65	..	..
1935	..	..	..	..	35·41	65	29·28	58	56·66	120	32·37	70	..	..	35·13	89	..	..	9·50*	7*	32·98	59	..	..
1936	..	..	22·34	..	28·94	46	20·94	50	43·70	144	21·36	68	..	..	23·99	76	..	..	33·75	64	21·84	56	..	..
1937	..	..	44·65	..	34·58	68	28·12	54	92·68	145	35·74	57	..	..	33·55	97	..	..	46·79	79	32·01	65	..	..
Averages ..	62·92	167	31·89	61	39·95	79	32·17	63	72·73	127	31·95	80	41·60	85	38·23	85	49·85	107	44·97	66	29·42	52	35·03	75
Number of years of Record ..	9	9	17	15	44	44	19	19	25	25	29	29	37	37	35	35	10	10	4	4	19	19	53	22

The Grange, Mount Mellum—
1925.—No record for October to December.

Thornton—
1915.—Record for August to December only.
1927.—No record for December.
1928.—No record for January and February.
1933.—No record for December.
1934.—No record for February to December.

Tipperary—
1915.—No record for January and February.
1917.—No record for March to December.
1919.—No record for January.

Toombul, Brisbane (formerly Clayfield)—
1914.—No record for May to October.
1933.—No record for June to December.

Torbaulea—
1930.—No record for December.

Traveston R.S.—
1935.—No record for February to November.

Valley View—
1917.—No record for January to March.
1921.—No record for May and August.

Veresdale—
1933.—No record for April to December.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																							
Name of Station ..	Wamuran.		Wanerva.		Watervaal.		Windera Creek.		Winfield.		Wolvi.		Wondai.		Woodford.		Woodlands, via Marburg.		Woody Island.		Woolooga.		Wooloowin (Brisbane).	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	..	..	..	..	..	..	28·35	103	..	..	..	..	29·59	70	52·89	94	28·77	84	58·87	114	18·27*	34*	40·93	98
1914	..	..	..	..	..	..	29·67	87	..	..	..	..	29·60	62	43·58	114	33·94	98	44·84	137	29·67	95	36·04	117
1915	12·35*	39*	..	..	..	..	17·73	60	..	..	..	..	21·39	57	32·96	79	21·61	61	25·63	88	23·53	63	18·42	76
1916	58·82	101	..	..	..	..	34·74	96	..	..	..	..	33·23	86	59·72	109	34·26	104	50·56	131	37·07	73	47·23	108
1917	47·63	74	..	..	..	..	30·86	76	..	..	..	..	42·30	80	43·84	90	38·21	97	61·33	115	31·84	62	43·68	110
1918	43·51	65	..	..	..	..	21·83	67	..	..	..	..	21·77	57	43·34	88	20·92	81	38·11	106	28·86	46	24·01	110
1919	32·66	74	..	..	..	..	11·38	47	..	..	..	..	16·69	48	26·94	84	15·84	57	27·52	79	14·37	37	21·16	93
1920	50·61	81	..	..	43·99	..	26·64	62	..	..	..	..	26·10	65	46·11	95	34·03	95	43·40	110	35·67	58	40·41	119
1921	74·85	98	..	..	54·08	..	39·12	104	..	..	..	..	41·76	71	70·49	104	39·16	118	45·72	150	50·89	72	57·42	142
1922	37·40	66	..	..	36·99	..	20·27	46	..	..	..	..	21·16	60	36·32	64	22·69	77	37·57	92	20·09	38	11·64*	39*
1923	39·51	63	..	..	33·03	..	23·21	60	..	..	..	..	19·87	55	40·18	52	19·80	63	48·56	80	32·74	60	..	..
1924	42·29	74	13·05*	21*	39·43	..	37·67	79	..	..	51·29	96	42·93	79	44·83	68	18·34	62	46·56	106	42·45	78	..	..
1925	59·68	87	22·40	54	64·07	..	24·96	76	..	..	60·66	103	31·89	65	59·54	77	44·17	70	50·53	124	36·80	57	..	..
1926	..	..	24·19	44	41·51	..	21·99	50	..	..	57·55	92	25·43	56	41·30	81	15·09	37	53·82	99	32·06	51	..	..
1927	..	..	39·01	66	67·94	..	40·09	81	..	..	76·88	100	43·04	87	73·11	131	37·26	86	74·40	117	53·73	86	..	..
1928	..	..	25·91	52	58·37	112	28·18	75	..	..	68·73	93	38·17	80	63·81	124	22·85*	63*	47·22	98	48·18	99	..	..
1929	..	..	26·87	49	42·59	74	30·99	51	..	..	58·84	76	30·12	61	53·63	91	..	..	27·95*	81*	39·35	60	..	..
1930	..	..	38·20	49	42·12	95	32·71	69	..	..	61·36	113	38·74	67	60·54	134	..	..	..	..	35·45	94	..	..
1931	..	..	32·28	48	52·06	94	15·67*	27*	..	..	59·75	99	32·07	78	68·63	122	..	..	45·53	122	36·69	91	..	..
1932	..	..	24·48	42	25·36	79	21·88	51	25·15	82	29·11	78	24·24	55	28·99	89	..	..	23·53	77	27·93	62	..	..
1933	..	..	41·42	57	40·85	103	34·70	75	50·42	87	56·67	85	38·56	70	58·61	116	..	..	29·95*	66*	39·29	78	..	..
1934	..	..	32·43	50	48·81	99	33·53	69	59·25	86	64·14	107	37·80	66	54·80	122	..	..	37·43*	71*	47·47	81	..	..
1935	..	..	25·60	49	33·06	86	24·04	75	43·44	77	47·04	91	32·15	55	40·80	104	..	..	..	..	26·53	71	..	..
1936	..	..	20·02	47	25·92	76	19·07	68	38·86	75	36·38	87	20·88	50	31·20	98	..	..	..	..	29·79	64	..	..
1937	..	..	26·16	43	32·86	66	25·13	63	36·92	56	45·69	115	32·07	57	40·55	103	..	..	..	..	39·84	70	..	..
Averages ..	48·70	78	29·15	50	43·50	88	27·04	70	42·34	77	55·29	95	30·71	64	51·71	102	33·46	86	47·37	99	35·01	69	41·63	108
Number of years of Record ..	10	10	13	13	18	10	26	26	6	6	14	14	29	29	51	51	43	43	50	50	24	24	28	28

Wamuran—
1915.—No record for January to May.

Wanerva—
1924.—No record for January to September.

Windera Creek—
1931.—No record for June to December.

Woodlands, via Marburg—
1928.—No record for June to December.

Woody Island—
1929.—No record for December.
1933.—No record for December.
1934.—No record for June to December.

Woolooga—
1913.—No record for January to April.

Wooloowin (Brisbane)—
1922.—Record for January to March only.

* Incomplete, not used in determining Averages.

TABLE SHOWING YEARLY RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN, QUEENSLAND, 1913–1937, INCLUSIVE—*continued.*

Division ..	SOUTH COAST—MORETON—*continued.*																					
Name of Station ..	Woombye.		Wooroolin.		Wungoolba (Fraser Island).		Wyamba.		Wynnum (Brisbane).		Yandina.		Yarraman Creek.		Yellow Patch Light.		Yengarie.		Yerongpilly.		Zillmere (Brisbane).		——	
Year.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.	Rainfall.	Days.
1913	69·62	90	26·52	65	..	..	..	..	42·55	74	75·08	91	12·46*	32*	..	..	..	..	38·95	79	47·26	80		
1914	76·65	85	20·77	39	..	..	..	..	34·48	84	73·04	137	28·61	70	..	..	4·82*	27*	37·64	88	37·69	92		
1915	42·24	74	24·10	37	4·03*	11*	..	..	27·98	58	40·55	78	22·27	43	..	..	3·13*	9*	25·31	70	30·11	61		
1916	73·08	102	28·16	63	72·74	156	..	..	44·11	82	62·02	119	31·65	67	..	..	51·41	101	47·19	89	44·61	83		
1917	58·12	82	39·49	59	64·12	120	14·23*	32*	39·94	71	56·67	108	41·09	60	..	..	39·28	77	36·55	72	39·28	63		
1918	59·19	86	18·70	33	57·27	106	15·09	41	27·55	67	51·93	95	16·62	46	..	..	33·87	61	25·39	75	26·02	81		
1919	39·25	65	16·76	44	34·13	85	9·90*	16*	21·58	65	36·56	54	16·65	35	..	..	20·49	62	22·06	65	21·31	57		
1920	69·87	101	29·70	56	61·73	122	34·61	52	40·85	82	62·12	67	32·24	49	77·81	142	42·96	52	36·57	67	41·85	83		
1921	84·19	138	41·03	75	85·28	171	37·84	45	53·06	81	72·03	91	20·02*	25*	65·98	127	55·55	67	48·24	64	55·36	90		
1922	47·74	76	24·49	51	55·41	138	19·36*	34*	34·20	62	48·86	78	..	..	43·18	95	35·49	52	21·64*	27*	35·68	71		
1923	50·58	48	21·82	57	61·58	118	21·99	41	33·90	40*	61·19	74	16·40*	49*	53·59	88	34·88	58	..	..	26·57	61		
1924	11·15*	14*	39·35	80*	82·08	142	23·73	39	51·22	68	56·62	86	37·06	98	68·54	95	45·61	60	..	..	50·97	73		
1925	..	..	28·40	78	76·32	119	27·13*	51*	54·03	67	71·39	83	31·33	87	80·66	104	38·00	59	..	..	59·79	94		
1926	..	..	26·58	60	82·28	82	20·22	32	28·34	40	52·51	85	22·42	51	43·31	98	48·43	55	..	..	31·91	69		
1927	..	..	43·28	85	91·29	101	..	..	55·46	67	105·11	122	41·23	88	104·49	120	48·98	69	..	..	69·28	90		
1928	..	..	43·36	84	72·98	90	..	..	54·75	85	89·12	117	38·59	92	21·40	97	55·83	62	..	..	61·70	89		
1929	..	..	33·32	68	46·58	94	..	..	46·46	71	66·55	83	31·82	65	..	..	36·86	51	..	..	50·97	71		
1930	..	..	36·38	90	90·85	132*	..	..	42·33	91	79·58	117	31·77	94	..	..	48·21	71	..	..	46·72	94		
1931	..	..	34·99	90	84·39	126	..	..	61·09	74	107·87	101	33·06	96	..	..	48·47	78	..	..	67·01	92		
1932	..	..	25·01	67	40·34	138	..	..	21·07	37	44·62	88	29·38	73	..	..	23·62	53	..	..	25·94	85		
1933	..	..	37·99	84	74·22	181	..	..	50·04	84	80·29	100	36·41	74	..	..	50·53	73	..	..	51·50	104		
1934	..	..	40·30	93	89·03	149*	..	..	62·27	76	93·89	106	44·15	57	..	..	61·24	66	..	..	54·00	101		
1935	..	..	31·97	66	65·03	126	..	..	53·12	70	59·03	103	20·92	38	..	..	32·19	51	..	..	41·30	99		
1936	..	..	23·95	66	54·80	153	..	..	27·02	69	44·20	119	18·59	40	..	..	25·38	46	..	..	23·40	95		
1937	..	..	31·04	68	68·39	156	..	..	41·24	91	60·85	131	26·89	42	..	..	40·75	68	..	..	38·84	110		
Averages ..	59·32	91	30·47	66	68·67	126	25·58	42	40·88	75	66·76	96	30·13	65	62·11	107	39·94	69	37·58	76	41·87	84		
Number of years of Record ..	25	24	27	26	22	20	6	6	39	37	45	41	21	21	9	9	37	34	28	25	39	39		

Woombye—
1924.—No record for March to December.

Wooroolin—
1924.—No record of number of days of rain for May.

Wungoolba—
1915.—No record for January to September.
1930.—No record of number of days of rain for June
1934.—No record of number of days of rain for December.

Wyamba—
1917.—No record for January to May.
1919.—No record for April to November.
1922.—No record for January.
1925.—No record for April.

Wynnum—
1923.—No record of number of days of rain for October to December.

Yarraman Creek—
1913.—No record for January to May.
1921.—No record for July to December.
1923.—No record for January to March.

Yellow Patch Light—
1920.—Record for January estimated from Cape Morton.

Yengarie—
1914.—Record for January and February only.
1915.—Record for November and December only.

Yerongpilly—
1922.—Record for January, February, and May to July only.

* Incomplete, not used in determining Averages.

SUPPLEMENTARY TABLE SHOWING RAINFALL TOTALS (IN INCHES AND HUNDREDTHS) AND NUMBER OF DAYS OF RAIN IN QUEENSLAND FOR YEAR 1938.

(* Indicates Footnote.)

Name of Division and Station.	Rainfall.	Days.
SOUTH COAST. *Moreton* (40).		
Abbotsford	33·02	64
Acacia Vale	31·99	55
Amamoor	41·38	70
Amamoor Forest	43·10	112
Anderleigh	51·69	118
Archerfield Aerodrome, Brisbane	11·27*	40*
Ascot Racecourse, Brisbane	43·21	97
Avonmore	32·51*	72*
Bald Hills, Brisbane	48·50	91
Bald Knob	86·89	151
Banks Creek	41*40	124
Barambah	30·60	65
Bauple	46·38	123
Beaudesert	35·38	105
Beechmont	54·33	83
Beenleigh	43·96	118
Beerwah	70·76	122
Bellthorpe	67·57	89
Benarkin	40·79	93
Biggenden	38·69	84
Blackbutt	34·81	63
Bli Bli	83·41	142
Bonita	27·59	60
Boonah	30·40	81
Boonara	27·64	47
Botanic Gardens, Brisbane	44·01	124
Bribie Island, Brisbane	57·52	87
Brisbane Show Grounds	46·21	98
Brisbane Weather Bureau	43·49	110
Brooyar	33·80	78
Bryn Euryn	59·68	113
Buderim Mountain	86·20	108
Bunjurgen	30·94	90
Bunya Mountain	39·11	74
Burpengary	18·97*	27*
Caboolture	52·04	105
Caloundra Lighthouse	74·22	156
Caloundra Post Office	75·93	126
Camp Mountain	49·08	132
Cannon Hill State School, Brisbane	32·23*	56*
Canungra	44·17	68
Cape Moreton	73·72	172
Carina, Brisbane	39·58	105
Casey's Gully	39·77	103
Cedar Glen	28·13*	58*
Central Kin Kin	55·99	101
Christmas Creek	27·85	81
Cleveland	42·06	81
Cloyna	23·91*	39*
Coalstoun Lakes	32·16	87
Colton	45·12	67
Conondale	44·72	62
Coolangatta	65·58	88
Cooloolabin State Forest	73·65	114
Coolum	90·42	130
Coominya	27·37	67
Coondoo	68·36	149
Cooran	56·90	110
Cooroy	67·58	122
Coorparoo, Brisbane	43·87	92
Cooyar	25·35	69
Cowan Cowan	69·71	122
Crohamhurst	77·40	157
Dayboro	56·28	77
Deongwar	46·30	105
Derrylin	18·70	59
Diddillibah	85·34	120
Dinmore	15·45*	41*
Double Island Point	64·37	158
Dunwich	57·00	64
Dutton Park, Brisbane	41·78	99
Enoggera Railway Station, Brisbane	45·78	91
Enoggera Reservoir, Brisbane	48·01	121
Enterprise State School	51·40	100
Ernest Junction	53·76	91
Esk	39·62	67
Eskdale West	31·00	82
Eumundi	78·86	102
Fairview	26·77	38
Forest Hill	23·85	56
Foxley	40·55	109
Gatton College	27·46	98
Gatton Post Office	28·31	77
Gigoomgan	37·88	107
Glass House Mountains	58·65	103
Glen Lamington	32·61	85
Gold Creek Reservoir, Brisbane	51·27	128
Goodna Hospital, Brisbane	34·99	98
Goodna Post Office, Brisbane	32·82	77
Goodger	31·23	47*
Googa Creek	34·29	76
Goomeri	27·85	87
Grandchester	33·9	080
Gundiah	38·64	65
Gympie	42·79	122
Harrisville	27·60	104
Hatton Vale	30·27	96
Helidon	28·29	80
Hillview	31·02	58
Howard	43·16	98
Imbil	46·28	92
Imbil Forest Reserve	43·62	137
Indooroopilly, Brisbane	39·57	96
Inskip Point	59·88	125
Ipswich	30·52	78
Jimna	38·72	130
Kabunga	25·92	97
Kalbar	30·77	82
Kandanga	46·74	91
Kenilworth	49·29	123
Kia Ora	28·65	83
Kilcoy	42·61	91
Kilkivan	30·09	85
Kingaroy	26·89	73
Kumbia	31·08	84
Kuraby	45·65	84
Laidley	28·11	90
Lake Manchester, Brisbane	35·39	99
Lamington (Wyvern)	41·50*	72*
Landsborough	67·41	112
Louisavale	42·48	97
Lowood	28·71	78
Maleny Post Office	82·48	117
Manly, Brisbane	42·72	108
Manumbar	34·48	113
Mapleton	75·40	132
Marburg Post Office	35·77	95
Marburg "2"	33·31	80
Maroochydore	84·84	154
Maryborough	46·10	126
Mary Smokes	47·16	97
Mayne Junction, Brisbane	45·93	107
Meandu Creek	37·67	95
Merlwood	35·48	185
Milton, Brisbane	44·75	80
Miva	37·90	96
Montville	81·88	155
Moogera	32·07	80
Mooloolah (formerly Glen Farm)	70·16	87
Moore	42·07	85
Morningside, Brisbane	40·69	92
Mount Alford	30·27	65
Mount Brisbane	31·96	87
Mount Cotton	51·70	89
Mount Crosby	25·50	82
Mount Gipps	49·39	72
Mount Gravatt, Brisbane	39·06	97
Mundoolun	32·70	95
Mungar Junction	49·06	66
Murarrie, Brisbane	42·00	99
Murgon	30·97	102
Murphy's Creek	33·43	76
Myola (formerly Tamrookum)	29·21	72
Nambour	82·46	126
Nanango	32·27	83
Narangba	50·64	68
Nerang	61·02	90
North Deep Creek	47·84	88
Nudgee College, Brisbane	48·37	127
Nundah, Brisbane	46·08	96
Nyama	31·47	72
Ormesby	51·89	90
Oxenford	53·77	89
Oxley, Brisbane	28·70	78
Palen Creek	41·12	113
Palmwoods	76·44	111
Peachester	71·68	131
Pechey (formerly Crow's Nest)	35·74	89
Petrie (formerly Pine River North)	48·24	91
Pialba	51·98	115
Pinkenba, Brisbane	41·71	125
Plain View	46·47	89
Pomona	56·48	119
Proston	29·35	67
Rathdowney	33·08	95
Ravensbourne	47·87	..
Redbank	32·43	71
Redcliffe	56·35	108
Retreat	37·41	48
Roadvale	30·48	58
Roberts Plateau	64·21	151
Rocklea, Brisbane	38·27	112
Rockview	42·11*	91*
Rosevale	35·11	90
Rosewood	31·34	77
Ross Creek	54·04	112
Samford, Brisbane	40·86	72
Samson Vale	40·44	72
Sandgate, Brisbane	50·59	109
Sandy Creek	48·59	80
Sherwood, Brisbane	41·00	94
Sim, Jues Creek	39·36	86
Sinia (formerly Oakview)	35·87	83
Somerset Dam	39·69	115
Southport	54·56	123
Speedwell	30·77	72*
Springbrook	144·74	151
St. Helena Island	49·56	126
Sunnybank, Brisbane	43·30	110
Taabinga	29·24	52
Tabooba	32·68	66
Tallebudgera	72·42	108
Tamborine Mount	58·97	144
Taringa, Brisbane	22·04*	29*
Tarome	30·86	55
Tarong	27·06	67
Tewantin	79·47	124
Theebine	45·56	65
The Grange (Mount Mellum)	24·45	73
Thornton	40·97	..
Tiaro	37·47	74
Tipperary	29·59	59
Tomewin	89·22	148
Toogooloowah	34·92	68
Toowong, Brisbane	41·55	93
Traveston Railway Station	49·58	74
Valley View	30·79	56
Viewmont	20·79*	29*
Wanerva	32·24	49
Watervaal	44·59	88
Windera Creek	29·39	71
Winfield	43·82	80
Wolvi	50·39	116
Wondai	31·90	60
Woodford	50·30	90
Woolooga	36·97	93
Wooroolin	30·91	85
Wungoolba (Fraser Island)	83·45	..
Wynnum, Brisbane	42·11	85
Yandina	74·67	141
Yarraman Creek	31·44	64
Yednia	40·05	53
Yengarie	46·03	64
Zillmere, Brisbane	50·75	114

Archerfield Aerodrome, Brisbane.—No record for February to October.

Avonmore.—No record for August and September.

Burpengary.—No record for January to March.

Cannon Hill State School, Brisbane.—No record for January, August, September, and December.

Cedar Glen.—No record for July to December.

loyna.—No record for August.

Dinmore.—No record for January, and October to December.

Eagle Farm Aerodrome.—No record for February to October.

Goodger.—No record of number of days of rain for October to December.

Lamington.—No record for June and December.

Rockview.—No record for July to December.

Speedwell.—No record of number of days of rain for August.

Taringa, Brisbane.—No record for February to April, July, September, November, and December.

Viewmont.—No record for July to December.

TABLE SHOWING MONTHLY AND ANNUAL NORMALS OF TEMPERATURE AND HUMIDITY AT SELECTED STATIONS IN QUEENSLAND (DISTRICT 40) DETERMINED (IN MOST CASES) FROM ALL AVAILABLE RECORDS UP TO THE END OF 1937.

Index numbers are shown in the first column on the left for each station. Of these—

Line 1 gives the normal (Average) maximum temperatures.

Line 2 gives the normal (Average) minimum temperatures.

Line 3 gives the normal (Average) relative humidities (9 a.m.) (saturation = 100).

Line 4 gives the normal (Average) relative humidities (3 p.m.) (saturation = 100).

In some places the figures for height above sea-level are accompanied by an asterisk ; in other places they are accompanied by a cross. The asterisk indicates that the height given is that of the local railway station ; the cross indicates that the height given is an approximate one.

—	No. of Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
						MORETON (40).								
						Cape Moreton 27° 02′ S., 153° 28′ E. Height above M.S.L., 331 feet.								
1	24	80·3	80·0	78·5	75·4	70·9	66·9	66·0	67·3	70·4	73·4	76·3	78·7	73·7
2	24	71·1	71·0	69·3	65·6	60·8	57·0	55·5	56·5	60·4	63·9	67·0	69·4	64·0
3	24	80	80	80	78	77	78	75	72	76	76	77	78	77
4	24	77	76	77	74	71	70	67	66	72	74	74	77	73
						Crohamhurst 26° 49′ S., 152° 51′ E. Height above M.S.L., 1,400 feet.								
1	11	83·6	82·3	80·2	76·7	71·3	67·7	67·4	69·9	74·6	79·3	82·6	83·5	76·6
2	11	65·5	65·2	62·8	57·2	51·1	46·5	44·9	45·3	51·5	57·1	60·8	64·3	56·0
3	2	68	72	79	70	81	78	78	66	61	55	66	66	70
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
						Double Island Point 25° 57′ S., 153° 13′ E. Height above M.S.L., 304 feet.								
1	16	80·2	80·0	78·0	75·1	71·0	67·3	66·3	68·0	71·2	74·8	77·6	79·4	74·1
2	16	71·7	72·0	70·1	67·0	62·4	59·0	56·8	58·4	61·7	65·4	68·3	70·6	65·3
3	23	81	81	81	81	80	80	77	77	77	78	78	80	79
4	23	80	81	81	80	78	77	74	74	75	78	79	81	78
						Gatton College 27° 33′ S., 152° 20′ E. Height above M.S.L., 294 feet.*								
1	21	88·9	88·2	85·1	80·6	74·4	69·2	69·0	71·8	77·8	83·4	87·2	88·6	80·3
2	21	65·5	65·5	62·1	56·3	49·3	45·6	43·5	43·8	49·4	55·4	60·7	63·9	55·1
3	20	68	69	70	71	70	73	73	69	64	62	64	65	68
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
						Gympie 26° 11′ S., 152° 40′ E. Height above M.S.L., 309 feet.*								
1	26	88·5	86·9	85·1	82·1	76·9	72·0	71·6	74·1	78·9	83·7	86·7	88·5	81·2
2	26	66·6	66·5	63·8	57·9	49·9	46·3	42·9	44·2	50·2	56·5	61·3	64·9	55·9
3	27	73	75	76	77	78	77	75	73	68	65	65	68	72
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
						Ipswich 27° 38′ S., 152° 44′ E. Height above M.S.L., 64 feet.*								
1	19	90·1	88·5	85·6	81·0	74·9	70·2	69·8	72·6	78·6	84·1	88·0	89·4	81·1
2	19	67·5	66·7	63·9	57·4	50·7	46·0	44·2	44·9	51·0	56·9	61·8	65·5	56·4
3	22	63	64	68	69	69	72	69	65	59	56	57	60	64
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
						Maryborough 25° 32′ S., 152° 42′ E. Height above M.S.L., 27 feet.*								
1	27	87·3	86·4	84·6	81·1	76·2	72·3	71·4	73·9	78·0	82·5	85·4	87·5	80·6
2	27	68·4	68·4	66·0	61·1	54·5	51·0	47·3	48·4	53·7	59·4	63·6	67·1	59·1
3	28	69	72	73	73	74	76	74	69	64	61	61	64	69
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
						Nanango 26° 41′ S., 152° 00′ E. Height above M.S.L., 1,132 feet.*								
1	22	85·1	83·9	81·2	77·3	71·4	66·6	66·0	69·3	74·6	80·5	84·0	85·5	77·1
2	22	62·6	62·0	58·5	50·5	42·5	38·4	36·7	36·9	43·6	50·7	57·0	60·6	50·0
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
						Southport 27° 59′ S., 153° 25′ E. Height above M.S.L., 16 feet.								
1	20	83·8	83·3	81·1	78·2	73·2	69·5	68·9	71·0	74·1	77·7	80·4	82·7	77·0
2	20	67·7	67·9	65·9	61·1	55·8	51·2	48·7	49·4	53·6	58·9	62·8	65·7	59·1
3	21	68	70	71	70	70	72	70	65	62	62	65	65	67
4	16	68	69	70	67	62	62	59	57	62	64	68	69	65
						Tamborine Mountain 27° 57′ S., 153° 11′ E. Height above M.S.L., 2,000 feet.†								
1	26	78·2	76·8	74·6	71·0	65·8	61·8	61·2	63·6	68·1	72·3	75·4	77·1	70·5
2	26	63·0	63·0	61·3	57·3	52·6	48·9	47·2	48·0	51·7	55·7	58·8	61·3	55·7
3	26	75	78	79	75	71	73	69	65	66	67	70	73	72
4	8	68	69	73	67	68	63	60	54	58	62	67	69	65

TABLES OF

MONTHLY AND ANNUAL VALUES

of

MEAN BAROMETER.
MEAN MAXIMUM TEMPERATURE.
MEAN MINIMUM TEMPERATURE.
MEAN TEMPERATURE.
ABSOLUTE HIGHEST TEMPERATURE.
ABSOLUTE LOWEST TEMPERATURE.
MEAN TERRESTRIAL RADIATION.
ABSOLUTE LOWEST TERRESTRIAL RADIATION.
MEAN HUMIDITY, 9 A.M.
MEAN HUMIDITY, 3 P.M.
RAINFALL AND NUMBER OF WET DAYS.
GREATEST RAINFALL IN 24 HOURS.
SEASONAL RAINFALL TOTALS.
HEAVY RAINFALLS.
MEAN AMOUNT OF CLOUD 9 A.M., 3 P.M., 9 P.M. AND $\frac{9\text{ P.M.} + 3\text{ P.M.} + 9\text{ P.M.}}{3}$
HOURS OF SUNSHINE.
WIND, TOTAL MILES.
WIND, GREATEST NUMBER OF MILES IN 24 HOURS.
WIND, LOWEST NUMBER OF MILES IN 24 HOURS.
WIND, GREATEST VELOCITIES—GUSTS.

at

BRISBANE

Latitude 27° 28′ *S.* *Longitude* 153° 2′ *E.*
Height Above Mean Sea Level 137 *Feet.* *Least Distance from Coast* 10 *Miles.*

BAROMETER.

MEAN BAROMETER COMPUTED FROM $\frac{9 \text{ a.m.} + 3 \text{ p.m.}}{2}$

(Corrected and reduced to 32°F., M.S.L., and Standard Gravity.)

Lat. 27° 28′
Long. 153° 02′
Height 137 ft.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	29·800	29·825	29·947	30·053	30·043	29·952	30·061	30·144	29·975	29·977	29·973	30·018	29·981
1888	29·896	29·914	29·952	30·196	30·127	30·149	30·055	30·102	30·106	30·038	29·954	29·946	30·036
1889	29·932	29·928	30·011	30·112	30·073	29·933	30·086	30·068	30·002	30·033	29·877	29·809	29·989
1890	29·913	29·824	29·914	30·036	30·103	29·983	30·013	30·050	29·992	29·853	29·871	29·873	29·952
1891	29·847	29·860	29·988	30·087	30·200	29·913	30·043	30·081	30·058	29·996	29·962	29·827	29·988
1892	29·874	29·937	29·802	29·948	30·090	30·104	30·087	29·953	29·935	29·951	29·895	29·791	29·947
1893	29·730	29·748	29·971	29·891	30·033	29·975	30·024	30·117	29·973	29·889	29·901	29·849	29·925
1894	29·772	29·877	29·926	30·066	30·051	30·026	30·040	30·048	30·021	30·052	29·984	29·954	29·985
1895	29·781	29·871	30·061	30·084	30·135	30·106	30·034	30·056	29·978	30·043	29·972	29·836	29·996
1896	29·928	29·902	29·927	30·037	30·078	29·990	29·958	30·078	30·096	30·071	30·019	29·978	30·005
1897	29·883	29·905	29·961	30·016	30·076	30·206	30·116	30·036	30·016	29·937	29·981	29·918	30·004
1898	29·839	29·844	29·897	30·062	30·031	30·094	30·082	30·166	30·041	29·950	29·872	29·871	29·979
1899	29·758	29·985	30·017	30·005	30·047	30·004	30·116	30·056	30·170	30·041	29·915	29·968	30·007
1900	30·004	29·994	30·032	30·046	30·080	29·998	30·011	29·944	30·049	29·990	29·975	29·935	30·005
1901	29·836	29·995	29·965	30·052	30·191	30·056	30·102	30·108	30·095	30·024	30·127	29·884	30·037
1902	29·813	29·876	29·976	30·034	30·136	30·148	30·169	30·161	30·012	29·980	30·033	29·865	30·017
1903	29·929	29·894	29·995	30·016	30·085	30·081	30·032	30·134	29·968	30·023	29·975	29·825	29·996
1904	29·885	29·781	29·943	30·062	30·130	30·045	30·095	30·131	30·023	30·013	29·955	29·960	30·002
1905	29·910	29·896	30·020	30·126	30·026	30·152	30·102	30·122	29·950	29·909	29·959	29·880	30·004
1906	29·916	29·954	29·947	30·043	30·133	30·147	30·063	30·136	30·022	30·005	29·904	29·951	30·021
1907	29·787	29·923	29·897	30·016	30·145	30·056	30·076	30·016	30·067	29·974	29·986	29·869	29·984
1908	30·002	29·826	29·866	30·044	30·082	30·096	30·123	30·070	30·051	30·088	30·024	29·886	30·013
1909	29·889	29·888	29·950	30·006	30·048	30·064	30·043	30·093	29·960	29·994	29·957	29·848	29·978
1910	29·836	29·918	29·923	30·086	30·088	30·042	29·980	30·183	30·105	30·013	29·972	29·777	29·994
1911	29·871	29·868	29·949	29·952	30·088	30·112	30·078	30·140	30·055	30·053	29·983	29·805	29·996
1912	29·904	30·014	29·940	30·070	30·162	30·193	30·035	30·124	29·968	30·034	29·991	29·925	30·030
1913	29·917	29·994	29·961	30·040	30·037	30·103	30·179	30·062	30·064	30·071	29·880	29·937	30·020
1914	29·958	29·966	29·978	30·054	30·136	30·186	30·087	30·248	30·173	30·212	30·066	29·885	30·079
1915	29·939	29·912	30·049	30·092	30·090	30·016	30·089	30·038	29·939	29·973	29·896	29·903	29·995
1916	29·912	29·815	29·918	30·026	30·098	30·015	30·169	30·099	30·137	29·948	29·813	29·859	29·984
1917	29·807	29·940	29·878	30·034	30·004	30·066	30·004	30·139	29·981	30·056	29·914	29·883	29·976
1918	29·902	29·823	30·000	30·080	30·100	30·023	30·140	30·136	30·159	29·949	29·939	29·942	30·016
1919	29·895	29·984	29·913	30·137	30·085	30·158	30·129	30·128	30·070	29·997	30·049	29·975	30·043
1920	29·848	29·921	30·011	30·084	30·076	30·019	30·070	30·031	30·072	30·042	30·000	29·836	30·001
1921	29·933	30·031	30·035	30·055	30·050	30·121	30·026	30·191	30·122	30·014	29·965	29·860	30·034
1922	29·746	29·822	29·973	30·064	30·034	30·068	30·030	30·041	30·020	30·000	29·921	29·805	29·960
1923	29·783	29·962	29·952	30·064	29·974	29·957	30·037	30·102	29·907	29·987	29·926	29·938	29·966
1924	29·795	29·895	29·960	29·993	30·137	30·111	30·192	30·115	30·062	29·933	29·922	29·893	30·001
1925	29·882	29·838	29·921	30·105	29·947	30·122	30·057	30·127	30·040	29·988	30·031	29·911	29·997
1926	29·857	29·968	30·045	30·004	29·975	30·116	30·063	30·074	30·165	29·900	30·009	29·866	30·004
1927	29·877	29·905	29·929	29·977	30·043	30·128	30·019	30·052	30·123	30·107	29·970	29·907	30·003
1928	29·927	29·891	30·024	30·014	30·135	30·028	30·071	30·159	29·973	29·888	30·001	29·877	29·999
1929	29·788	29·856	29·938	29·978	30·066	30·090	30·092	30·118	30·107	29·992	29·827	29·820	29·973
1930	29·886	30·025	30·056	30·041	30·179	30·096	30·098	30·062	30·084	30·103	30·016	29·952	30·050
1931	29·867	29·926	30·061	30·016	30·125	30·168	30·062	30·091	30·028	30·068	29·968	29·901	30·023
1932	29·900	29·863	29·994	29·976	30·165	30·047	30·050	30·143	30·026	29·969	30·030	29·876	30·003
1933	29·822	29·863	29·886	30·068	30·027	30·091	30·062	30·191	30·078	30·014	29·995	29·897	29·999
1934	29·937	29·937	30·044	30·006	30·151	30·114	30·091	30·078	30·059	30·079	29·956	29·819	30·023
1935	29·805	29·861	29·975	29·983	30·093	30·085	30·045	30·152	30·009	30·028	29·992	29·877	29·992
1936	29·872	29·938	29·976	30·050	30·125	30·125	30·162	30·028	30·102	29·938	29·942	29·914	30·014
1937	29·802	29·904	29·972	29·969	30·048	30·026	30·223	30·118	30·141	29·971	29·983	29·836	29·999
1938	29·870	29·773	29·942	29·942	30·105	30·118	30·067	30·139	30·138	30·073	29·931	29·897	30·000
1939	29·840	29·978	29·907	30·074	30·123	30·017	30·088	29·841	30·076	30·070	29·933	29·939	29·991
Average for 53 years..	29·866	29·903	29·964	30·039	30·087	30·072	30·076	30·095	30·048	30·005	29·960	29·888	30·000

TEMPERATURE.

MEAN MAXIMUM TEMPERATURE.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1887	85·1	81·7	81·7	77·3	70·9	65·7	67·7	69·5	73·6	79·9	79·5	80·9	76·1
1888	84·3	82·0	82·5	76·4	73·1	70·7	70·3	72·7	75·4	79·7	85·5	85·0	78·1
1889	87·6	88·2	83·2	77·7	72·9	68·3	67·3	70·4	75·7	78·9	81·5	86·2	78·2
1890	82·1	81·4	79·7	75·8	71·8	69·2	65·8	70·4	76·0	83·4	82·8	84·2	76·9
1891	84·7	83·5	79·6	76·7	71·8	68·8	67·0	69·6	73·2	77·8	82·5	86·0	76·8
1892	85·1	86·5	82·2	76·1	71·9	68·4	68·0	71·7	73·5	79·0	82·6	86·7	77·6
1893	84·4	79·8	78·4	77·6	74·1	66·0	67·7	69·8	75·9	82·0	83·6	86·5	77·1
1894	84·1	83·5	79·8	77·6	72·2	69·6	68·4	71·8	73·1	78·2	83·4	82·0	77·0
1895	83·4	83·9	82·0	78·4	74·8	71·3	66·6	75·0	77·0	81·3	82·0	84·9	78·4
1896	88·0	82·6	83·1	80·9	74·0	68·9	66·6	70·2	76·1	81·8	78·5	82·6	77·8
1897	85·1	86·3	84·0	82·2	76·1	70·9	71·3	72·0	75·8	80·1	83·7	82·1	79·1
1898	82·4	82·0	80·6	79·8	70·9	68·9	69·9	69·8	77·1	81·7	86·3	83·7	77·8
1899	88·1	82·1	83·0	78·4	73·6	68·1	65·9	68·5	73·2	77·1	84·9	84·8	77·3
1900	82·7	86·2	84·0	79·7	72·3	69·5	66·8	73·3	75·4	83·2	84·1	87·1	78·7
1901	88·1	83·6	82·4	77·3	73·0	66·7	65·3	70·1	76·9	78·6	80·9	86·2	77·4
1902	88·9	87·0	84·2	80·5	75·9	73·3	71·1	71·5	77·5	81·1	83·4	88·7	80·3
1903	90·0	87·7	83·4	81·2	72·3	69·5	68·7	69·7	75·5	76·9	78·5	86·0	78·3
1904	85·5	88·6	82·6	76·4	71·5	67·9	67·7	72·0	76·9	79·2	85·9	85·0	78·3
1905	85·3	85·3	85·1	78·6	73·3	69·8	68·4	71·9	76·4	76·8	84·0	85·8	78·4
1906	85·1	83·1	80·3	81·8	74·7	70·8	70·8	71·9	73·8	78·6	81·8	83·6	78·0
1907	84·5	85·4	82·6	81·7	73·8	68·3	69·1	73·6	77·9	81·8	80·8	84·5	78·7
1908	83·9	86·0	83·2	78·9	74·8	66·9	68·1	69·6	75·1	78·6	81·8	87·2	77·8
1909	85·2	85·0	82·5	79·8	75·1	70·0	66·8	70·3	75·6	80·9	83·4	85·2	78·3
1910	85·1	84·7	80·6	79·0	76·7	70·1	68·8	73·3	77·0	79·5	80·6	87·4	78·6
1911	83·9	81·6	83·0	81·2	74·0	70·5	70·2	70·9	77·2	78·5	85·3	91·9	79·0
1912	88·6	88·6	83·8	81·7	76·4	71·3	68·0	72·4	80·2	80·0	83·3	86·7	80·1
1913	83·7	84·2	84·1	79·6	71·3	67·2	69·6	72·5	76·5	81·5	87·5	85·8	78·6
1914	88·5	84·9	82·4	84·4	74·3	69·5	67·1	72·3	76·6	77·8	86·1	87·3	79·3
1915	85·6	86·2	83·8	81·9	73·0	71·4	70·0	73·0	81·3	82·6	87·2	83·1	79·9
1916	86·9	86·7	84·1	78·2	73·8	68·2	67·2	69·8	73·5	77·8	81·4	82·9	77·5
1917	86·8	81·5	82·0	79·2	73·0	68·9	71·8	69·5	74·5	78·1	80·3	82·2	77·3
1918	82·9	83·4	79·1	76·5	73·0	72·7	69·0	72·1	74·5	83·7	84·0	85·1	78·0
1919	86·6	87·1	85·1	77·7	72·4	69·0	69·6	70·9	76·3	79·6	81·1	84·5	78·3
1920	82·3	83·1	81·6	78·2	73·4	69·8	68·1	69·8	73·9	78·2	82·2	87·0	77·3
1921	82·5	84·1	79·5	78·0	75·2	71·2	70·2	67·9	74·0	77·2	83·4	83·6	77·2
1922	87·8	81·4	83·9	82·3	75·2	69·9	66·5	70·9	73·8	80·3	83·8	86·3	78·5
1923	87·1	85·9	84·8	76·1	78·7	70·6	68·4	68·9	77·6	80·8	82·3	85·8	78·9
1924	88·3	86·2	82·9	78·4	73·7	68·1	69·3	71·7	75·7	79·0	81·0	81·9	78·0
1925	81·7	86·0	78·8	77·8	71·7	69·2	67·2	69·5	74·2	78·3	79·0	84·6	76·5
1926	86·4	87·3	84·5	81·4	74·2	69·9	69·5	74·1	74·4	82·0	82·9	83·1	79·1
1927	81·9	83·8	81·3	78·7	75·5	69·1	70·4	72·9	74·9	76·3	80·6	80·6	77·2
1928	83·8	81·6	82·5	79·5	71·7	67·5	69·3	74·0	78·6	81·7	83·1	83·9	78·1
1929	88·9	84·2	82·7	78·2	72·6	68·5	68·3	71·8	74·2	78·9	84·1	87·4	78·3
1930	82·8	82·7	80·5	77·7	72·0	67·8	69·1	71·6	76·1	78·6	83·7	84·6	77·3
1931	88·9	82·1	81·3	78·5	74·0	70·9	69·1	72·2	76·2	77·8	80·2	83·3	77·9
1932	86·9	87·5	84·2	79·6	72·3	68·1	68·9	70·7	73·7	77·7	80·3	83·8	77·8
1933	85·9	86·1	85·3	78·3	75·1	69·7	67·5	68·6	72·9	78·6	76·6	81·6	77·2
1934	82·3	83·2	81·2	77·9	72·3	68·6	67·8	70·1	74·6	76·3	78·8	82·1	76·3
1935	86·6	86·3	81·7	78·5	73·5	70·0	68·4	70·1	73·8	78·6	81·2	84·5	77·8
1936	83·6	84·0	79·3	78·3	73·0	68·3	68·5	75·0	76·0	83·1	83·7	84·9	78·1
1937	87·5	82·5	81·8	79·2	75·5	67·4	68·2	69·8	76·6	81·5	78·9	84·8	77·8
1938	83·9	86·9	83·3	80·6	73·6	69·0	65·6	68·7	73·5	78·6	81·3	86·4	77·6
1939	85·6	83·7	80·7	76·2	73·7	69·3	66·1	70·8	73·8	75·0	80·8	82·9	76·5
Average for 53 years ..	85·4	84·5	82·3	78·9	73·6	69·2	68·4	71·2	75·5	79·5	82·4	84·8	78·0

TEMPERATURE—*continued.*

MEAN MINIMUM TEMPERATURE.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1887	70·1	68·4	69·1	62·8	52·9	48·4	48·8	51·1	53·7	58·6	61·5	64·9	59·2
1888	66·5	68·5	63·4	60·9	54·3	50·0	47·4	48·7	55·0	60·8	63·8	67·9	58·9
1889	68·0	68·7	67·5	64·2	59·7	50·8	51·5	51·9	55·6	59·5	64·8	68·9	60·9
1890	67·7	68·1	67·1	61·1	56·0	53·4	46·3	47·2	55·7	60·5	63·1	65·9	59·3
1891	70·7	66·8	65·0	61·6	55·5	49·9	48·1	49·1	53·0	58·1	63·5	66·3	59·0
1892	67·5	67·8	68·3	60·2	57·6	50·8	49·6	49·1	54·8	61·6	63·4	67·0	59·8
1893	67·9	69·4	65·5	59·6	54·4	50·1	48·5	53·9	53·3	60·9	64·7	66·5	59·6
1894	69·6	68·8	67·8	63·0	53·6	48·3	45·7	48·6	52·7	60·3	64·7	64·8	59·0
1895	70·1	67·7	63·7	60·9	54·1	48·6	44·5	46·5	53·3	61·4	63·8	68·2	58·6
1896	70·8	70·5	65·1	61·6	55·0	47·7	44·7	48·0	52·8	61·0	62·5	66·9	58·9
1897	68·1	67·8	65·4	59·7	52·1	55·3	50·3	52·0	56·3	61·9	65·2	65·8	60·0
1898	69·9	69·5	67·3	62·2	52·1	51·8	47·4	51·1	56·3	58·9	66·5	65·4	59·9
1899	70·8	66·3	66·2	61·8	53·8	51·8	48·4	49·8	56·2	57·4	63·6	67·8	59·5
1900	67·0	69·3	67·3	60·2	56·5	52·6	46·8	50·0	53·7	58·7	65·1	68·6	59·6
1901	69·0	68·5	67·9	61·3	56·8	49·0	47·3	50·7	57·1	59·2	63·4	67·2	59·8
1902	70·4	69·8	64·4	59·7	53·5	50·8	49·7	49·3	54·2	61·2	64·2	70·0	59·8
1903	69·9	70·5	69·8	62·4	56·1	48·5	50·7	51·0	54·9	58·0	60·7	68·3	60·1
1904	68·0	67·3	66·6	63·3	57·2	46·9	48·5	48·5	54·3	61·2	65·1	67·5	59·5
1905	69·3	68·9	67·2	63·3	57·2	50·0	44·4	49·2	51·3	57·2	63·6	67·9	59·1
1906	69·4	69·1	66·6	61·8	55·1	52·3	47·1	50·6	57·4	60·2	62·1	67·2	59·9
1907	69·2	68·4	67·0	59·3	56·7	54·9	46·4	46·5	54·0	61·5	65·0	69·0	59·8
1908	67·8	69·6	66·9	64·1	57·4	45·7	48·2	50·6	54·4	56·5	63·8	67·8	59·4
1909	66·8	67·1	65·7	61·4	54·9	53·3	48·0	52·6	55·1	61·2	65·5	67·9	60·0
1910	70·1	67·9	66·8	61·8	58·0	52·8	49·5	51·4	58·3	59·1	63·3	68·5	60·6
1911	69·1	67·9	65·9	60·2	53·6	47·8	48·0	49·8	54·5	59·7	66·1	71·4	59·5
1912	69·2	69·1	66·4	61·9	54·6	55·3	50·7	50·7	52·9	59·7	64·8	66·7	60·2
1913	68·1	68·2	65·0	63·5	56·8	51·8	50·8	46·4	54·1	59·8	63·4	67·8	59·6
1914	69·4	68·1	67·4	63·7	56·5	53·7	48·7	51·1	54·8	58·8	67·2	68·5	60·7
1915	66·8	69·1	64·6	61·8	53·7	50·5	51·0	47·9	57·7	60·5	66·3	65·9	59·7
1916	68·5	69·3	67·3	63·4	55·2	52·0	50·3	50·3	54·6	61·0	61·8	66·6	60·0
1917	69·1	65·5	65·2	59·0	51·6	48·9	48·3	49·9	54·5	59·3	63·4	65·3	58·3
1918	67·0	67·4	64·0	58·7	53·1	47·8	44·8	51·1	53·5	60·9	64·4	67·8	58·4
1919	69·5	69·0	67·8	62·6	58·9	53·6	49·7	48·3	55·4	60·2	64·2	68·5	60·6
1920	68·1	66·8	64·6	61·0	55·8	51·2	51·1	51·2	56·2	60·5	65·1	69·1	60·1
1921	68·1	67·6	65·8	63·2	57·2	56·6	53·9	49·2	56·9	58·0	65·9	67·5	60·8
1922	69·7	68·9	65·4	62·7	55·9	52·6	48·2	47·9	54·8	61·6	65·7	69·2	60·2
1923	70·3	68·5	67·2	61·7	56·2	50·8	49·3	49·0	54·5	61·2	64·2	70·7	60·3
1924	70·2	70·8	65·8	60·7	54·5	50·7	53·2	51·9	56·6	60·9	65·3	64·8	60·4
1925	67·0	70·2	64·9	59·6	55·9	51·4	46·4	51·2	52·2	59·0	63·4	68·8	59·2
1926	69·3	71·0	67·2	61·8	56·6	53·2	47·9	51·9	55·3	60·3	63·7	66·8	60·4
1927	68·8	68·5	66·8	61·5	53·6	51·6	47·5	46·2	54·8	59·2	64·9	65·8	59·1
1928	67·9	70·3	66·0	63·7	53·5	49·2	48·9	51·4	55·9	63·0	64·7	67·4	60·2
1929	71·1	70·7	66·9	59·8	53·0	49·7	45·2	50·6	54·3	59·5	64·2	67·5	59·4
1930	69·2	67·5	64·7	59·9	56·6	54·1	51·9	50·5	54·4	61·5	65·2	65·4	60·1
1931	71·7	67·1	67·7	60·9	58·8	53·8	50·4	51·3	55·5	57·7	64·3	67·0	60·5
1932	69·0	69·5	67·8	64·2	57·8	51·9	47·7	49·7	54·4	59·5	64·4	66·6	60·2
1933	69·5	67·4	68·1	61·8	55·6	51·0	51·8	48·4	56·2	62·2	63·3	66·7	60·2
1934	67·4	67·0	65·4	61·6	56·0	47·6	51·6	51·0	55·0	58·9	63·8	65·2	59·2
1935	68·5	70·0	64·6	59·4	52·6	50·2	48·4	49·7	54·6	61·1	63·2	67·8	59·2
1936	67·8	67·5	66·3	59·4	57·0	51·1	51·0	50·7	54·1	63·0	64·5	68·4	60·1
1937	70·3	67·8	66·4	59·3	55·1	51·0	49·9	51·8	55·5	62·5	64·4	68·0	60·2
1938	70·0	70·6	67·0	62·6	60·1	51·6	50·3	49·8	53·3	61·3	66·2	69·3	61·0
1939	70·6	68·8	67·9	62·4	58·1	51·6	48·6	50·4	51·0	57·8	63·9	67·1	59·9
Average for 53 years ..	69·0	68·4	66·4	61·3	55·6	51·4	48·7	49·9	54·7	60·1	64·2	67·4	59·8

TEMPERATURE—*continued.*

MEAN TEMPERATURE $\frac{\text{Maximum} + \text{Minimum}}{2}$

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1887	77·6	75·0	75·4	70·0	61·9	57·0	58·2	60·3	63·6	69·2	70·5	72·9	67·7
1888	75·4	75·2	73·0	68·6	63·7	60·4	58·8	60·7	65·2	70·3	74·6	76·4	68·5
1889	77·8	78·4	75·4	71·0	66·3	59·6	59·4	61·2	65·6	69·2	73·2	77·6	69·6
1890	74·9	74·8	73·4	68·4	63·9	61·3	56·0	58·8	65·8	72·0	73·0	75·0	68·1
1891	77·7	75·2	72·3	69·2	63·6	59·4	57·6	59·4	63·1	68·0	73·0	76·2	67·9
1892	76·3	77·2	75·2	68·2	64·8	59·6	58·8	60·4	64·2	70·3	73·0	76·8	68·7
1893	76·2	74·6	71·9	68·6	64·2	58·0	58·1	61·8	64·6	71·4	74·2	76·5	68·3
1894	76·8	76·2	73·8	70·3	62·9	59·0	57·0	60·2	62·9	69·2	74·0	73·4	68·0
1895	76·8	75·8	72·8	69·6	64·4	60·0	55·5	60·7	65·2	71·4	72·9	76·5	68·5
1896	79·4	76·6	74·1	71·2	64·5	58·3	55·6	59·1	64·4	71·4	70·5	74·8	68·3
1897	76·6	77·0	74·7	71·0	64·1	63·1	60·8	62·0	66·0	71·0	74·4	74·0	69·6
1898	76·2	75·8	74·0	71·0	61·5	60·4	58·6	60·4	66·7	70·3	76·4	74·6	68·8
1899	79·4	74·2	74·6	70·1	63·7	60·0	57·2	59·2	64·7	67·2	74·2	76·3	68·4
1900	74·8	77·8	75·6	70·0	64·4	61·0	56·8	61·6	64·6	71·0	74·6	77·8	69·2
1901	78·6	76·0	75·2	69·3	64·9	57·8	56·3	60·4	67·0	68·9	72·2	76·7	68·6
1902	79·6	78·4	74·3	70·1	64·7	62·1	60·4	60·4	65·8	71·2	73·8	79·4	70·1
1903	80·0	79·1	76·6	71·8	64·2	59·0	59·7	60·4	65·2	67·4	69·6	77·2	69·2
1904	76·8	78·0	74·6	69·8	64·4	57·4	58·1	60·2	65·6	70·2	75·5	76·2	68·9
1905	77·3	77·1	76·2	71·0	65·2	59·9	56·4	60·6	63·8	67·0	73·8	76·8	68·8
1906	77·2	76·1	73·4	71·8	64·9	61·6	59·0	61·2	65·6	69·4	72·0	75·4	68·9
1907	76·8	76·9	74·8	70·5	65·2	61·6	57·8	60·0	66·0	71·6	72·9	76·8	69·2
1908	75·8	77·8	75·0	71·5	66·1	56·3	58·2	60·1	64·8	67·6	72·8	77·5	68·6
1909	76·0	76·0	74·1	70·6	65·0	61·6	57·4	61·4	65·4	71·0	74·4	76·6	69·1
1910	77·6	76·3	73·7	70·4	67·4	61·4	59·2	62·4	67·6	69·3	72·0	78·0	69·6
1911	76·5	74·8	74·4	70·7	63·8	59·2	59·1	60·3	65·8	69·1	75·7	81·6	69·2
1912	78·9	78·8	75·1	71·8	65·5	63·3	59·4	61·6	66·6	69·8	74·1	76·7	70·2
1913	75·9	76·2	74·6	71·6	64·1	59·5	60·2	59·5	65·3	70·7	75·4	76·8	69·1
1914	79·0	76·5	74·9	74·1	65·4	61·6	57·9	61·7	65·7	68·3	76·7	77·9	70·0
1915	76·2	77·7	74·2	71·9	63·4	61·0	60·5	60·5	69·5	71·6	76·8	74·5	69·8
1916	77·7	78·0	75·7	70·8	64·5	60·1	58·8	60·1	64·1	69·4	71·6	74·8	68·8
1917	78·0	73·5	73·6	69·1	62·3	58·9	60·1	59·7	64·5	68·7	71·9	73·8	67·8
1918	75·0	75·4	71·6	67·6	63·1	60·3	56·9	61·6	64·0	72·3	74·2	76·5	68·2
1919	78·1	78·1	76·5	70·2	65·7	61·3	59·7	59·6	65·9	69·9	72·7	76·5	69·5
1920	75·2	75·0	73·1	69·6	64·6	60·5	59·6	60·5	65·0	69·4	73·6	78·1	68·7
1921	75·3	75·9	72·7	70·6	66·2	63·9	62·0	58·6	65·4	67·6	74·6	75·6	69·0
1922	78·8	75·2	74·6	72·5	65·6	61·2	57·4	59·4	64·3	71·0	74·8	77·8	69·4
1923	78·7	77·2	76·0	68·9	67·4	60·7	58·8	59·0	66·0	71·0	73·2	78·2	69·6
1924	79·3	78·5	74·4	69·6	64·1	59·4	61·2	61·8	66·2	70·0	73·2	73·4	69·2
1925	74·4	78·1	71·8	68·7	63·8	60·3	56·8	60·4	63·2	68·6	71·2	76·7	67·8
1926	77·8	79·2	75·8	71·6	65·4	61·6	58·7	63·0	64·8	71·2	73·3	75·0	69·8
1927	75·4	76·2	74·0	70·1	64·6	60·4	59·0	59·6	64·8	67·8	72·8	73·2	68·2
1928	75·8	76·0	74·2	71·6	62·6	58·4	59·1	62·7	67·2	72·4	73·9	75·6	69·1
1929	80·0	77·4	74·8	69·0	62·8	59·1	56·8	61·2	64·3	69·2	74·2	77·4	68·9
1930	76·0	75·1	72·6	68·8	64·3	61·0	60·5	61·0	65·2	70·0	74·4	75·0	68·7
1931	80·3	74·6	74·5	69·7	66·4	62·4	59·8	61·8	65·8	67·8	72·2	75·2	69·2
1932	78·0	78·5	76·0	71·9	65·0	60·0	58·3	60·2	64·0	68·6	72·4	75·2	69·0
1933	77·7	76·8	76·7	70·0	65·4	60·4	59·6	58·5	64·6	70·4	70·0	74·2	68·7
1934	74·8	75·1	73·3	69·8	64·2	58·1	59·7	60·6	64·8	67·6	71·3	73·6	67·7
1935	77·6	78·2	73·2	69·0	63·0	60·1	58·4	59·9	64·2	69·9	72·2	76·2	68·5
1936	75·7	75·8	72·8	68·8	65·0	59·7	59·7	62·8	65·0	73·0	74·1	76·6	69·1
1937	78·9	75·2	74·1	69·2	65·3	59·2	59·0	60·8	66·0	72·0	71·6	76·4	69·0
1938	77·0	78·8	75·2	71·6	66·8	60·3	57·9	59·3	63·4	69·9	73·7	77·9	69·3
1939	78·1	76·3	74·3	69·3	65·9	60·5	57·3	60·6	62·4	66·4	72·3	75·0	68·2
Average for 53 years ..	77·2	76·6	74·3	70·2	64·6	60·2	58·5	60·6	65·1	69·8	73·3	76·1	68·9

TEMPERATURE—*continued.*

ABSOLUTE HIGHEST TEMPERATURE.

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.	
	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Month.
1887	92·5	15	92·6	4	88·4	1	84·1	4	79·4	5	75·0	4	77·0	22	76·5	17	80·7	22, 23	90·6	16	90·7	12	88·0	26	92·6	Feb. 4
1888	99·3	21	92·7	7	96·8	16	85·7	13	78·8	5	80·4	19	75·8	9	82·9	27	88·0	30	90·4	27	99·3	15	94·5	19	99·3	Jan. 21 Nov. 15
1889	96·0	5	94·6	23	91·5	22	85·9	1	82·8	12	75·5	30	76·0	30	78·6	21	85·7	29	87·6	6	95·0	5	94·0	3	96·0	Jan. 5
1890	88·6	4	90·8	3	86·1	12	81·8	2	76·1	1	76·7	11, 13	75·1	21	78·1	28	85·6	28	94·0	14	93·6	25	95·6	30	95·6	Dec. 30
1891	90·9	3	88·8	19	89·9	3	86·9	16	81·4	18	76·1	1	72·3	27	75·0	17	82·7	10	88·9	31	90·6	12	95·9	14	95·9	Dec. 14
1892	90·3	1	97·9	12	95·3	16	83·9	10	78·1	12	75·5	7, 16	74·5	17	81·1	14, 30	86·0	27	93·2	12	94·8	26	99·5	8	99·5	Dec. 8
1893	98·0	10	89·4	19	84·6	2	85·2	8	84·5	2	69·2	6	77·9	25	78·5	30	84·1	15	101·4	18	90·4	20	105·9	26	105·9	Dec. 26
1894	90·6	1	90·3	22	86·1	7	82·2	4	79·2	2	76·8	1	72·7	30	82·4	11	81·2	1	89·5	28	99·6	17	91·9	29	99·6	Nov. 17
1895	90·4	5	92·9	19	89·0	1	85·2	5	82·1	19	78·4	1	76·2	15	86·2	28	83·5	3	93·0	9	91·7	1	92·2	17	93·0	Oct. 9
1896	94·2	22	91·2	2	88·0	27	95·2	9	86·0	4	76·9	28	77·1	7	78·0	25	83·5	2	86·8	23	83·3	15	88·7	29	95·2	April 9
1897	90·2	23	96·3	25	95·0	17	88·0	13	88·8	18	78·7	28	78·9	20	83·7	30	83·2	23	94·8	2	95·5	5	87·0	14	96·3	Feb. 25
1898	90·3	1	91·8	17	89·0	12	87·3	4	78·5	4	74·8	16	83·4	28	78·4	16	88·3	23	100·0	27	105·4	13	95·2	16	105·4	Nov. 13
1899	97·5	18	89·2	28	95·2	1	88·0	7	83·7	1	75·3	7	70·3	15	73·3	31	80·4	24	100·1	11	95·1	10, 21	92·2	15	100·1	Oct. 11
1900	90·5	21	95·1	21	92·3	3	93·0	15	83·8	9	80·4	24	77·7	25	86·2	29	84·9	22	98·1	9	90·2	18	99·0	13	99·0	Dec. 13
1901	98·0	15	90·9	2	89·6	5	82·8	14	81·8	10	74·9	17	74·8	21	77·2	18	84·5	22	86·2	15	88·1	18	102·6	19	102·6	Dec. 19
1902	108·9	14	95·3	3	90·8	25	91·6	9	80·8	8	79·5	19	78·4	20	76·0	22	87·2	8	97·2	24	90·0	9	97·1	22	108·9	Jan. 14
1903	101·3	5	96·7	23	90·9	14	95·2	5	77·5	1	76·0	16	75·8	3	79·4	18	84·0	29	86·1	26	83·9	11	99·0	14	101·3	Jan. 5
1904	98·2	4	101·9	11	93·0	8	90·0	1	80·6	24	73·1	12	74·1	27	80·0	25	90·2	20	90·7	28	104·0	19	97·1	27	104·0	Nov. 19
1905	102·4	2	97·0	6	89·2	27	85·1	14	82·3	8	77·5	6	74·1	21	80·5	21	87·4	14	89·2	27	96·8	27	96·8	27	102·4	Jan. 2
1906	95·2	8	89·7	13	85·4	29	87·2	3	82·4	13	81·5	6	78·2	7	83·3	23	85·5	13	89·3	12	91·1	13	98·9	3	98·9	Dec. 3
1907	94·5	6	96·2	17	90·0	16	88·2	8	83·0	8	75·0	11	74·6	22	87·5	28	89·2	29	94·8	10	89·5	27	91·2	10	96·2	Feb. 17
1908	89·5	29	96·9	15	93·9	10	87·2	1	84·6	6	74·5	10	77·3	21	74·6	22	85·9	26	85·1	5	86·2	27	101·8	9	101·8	Dec. 9
1909	99·0	1	92·2	21	94·5	26	89·7	5	79·6	4	79·5	20	76·5	25	77·5	24	87·2	30	94·5	30	92·4	17	93·0	16	99·0	Jan. 1
1910	95·3	16	99·2	5	92·0	2	83·7	28	83·1	12	78·6	9	77·4	2	81·3	18	84·3	18	91·9	3	94·7	25	100·7	16	100·7	Dec. 16
1911	96·0	8	93·6	16	93·7	14	90·7	25	78·7	4	78·8	19	76·8	7	75·6	14	82·0	30	89·1	11	92·8	9	104·6	16	104·6	Dec. 16
1912	96·3	17	93·6	13	90·8	31	89·8	2, 6	82·3	14	77·8	14	76·8	7	80·5	28	95·2	16	90·0	9	89·8	3	95·9	8	96·3	Jan. 17
1913	93·3	30	100·1	19	94·8	16	87·9	6	81·0	4	72·1	4, 15	77·5	19	80·5	30	87·7	26	94·3	15	106·1	18	103·4	3	106·1	Nov. 18
1914	96·3	28	92·4	11	90·6	1	92·3	7	84·1	1	76·6	8	73·0	1	78·7	30	91·4	24	87·1	28	95·5	26	97·9	16	97·9	Dec. 16
1915	95·4	6	94·2	6	89·6	20	90·8	10	86·3	9	83·2	28	81·3	20	83·2	28	93·2	15	94·3	30	105·3	15	89·2	14	105·3	Nov. 15
1916	96·7	29	96·8	2	91·8	8	83·8	26	80·4	14	75·4	10	74·0	5	78·1	28	79·2	13	86·8	4	93·0	24	88·2	2	96·8	Feb. 2
1917	100·3	10	89·0	27	92·0	15	88·2	4	83·0	6	74·4	20	80·5	26	79·2	20	82·2	7	86·4	22	87·2	24, 25, 29	92·3	25	100·3	Jan. 10
1918	94·1	14	96·1	4	84·8	15	86·2	6	77·9	29	88·9	19	74·5	7	78·0	29	82·1	28	100·1	28	92·3	1	101·1	3	101·1	Dec. 3
1919	94·6	26	93·1	20	99·4	5	84·3	8	76·6	1	77·1	16	78·0	30	79·1	21	87·3	14	92·4	9	89·6	19	97·5	18	99·4	Mar. 5
1920	88·4	9	92·5	24	90·2	7	86·7	12	83·0	16	76·6	29	73·6	1, 28	84·5	24	82·6	25	91·6	27	90·1	20	97·3	17	97·3	Dec. 17
1921	89·4	11, 12	92·7	5	90·3	25	85·6	7	80·4	19	80·2	1	77·3	17	74·5	27	80·0	17	85·3	22	90·5	30	96·3	6	96·3	Dec. 6
1922	99·3	29	88·8	27	93·5	19	91·0	13	86·7	5	78·5	27	71·5	30	78·8	17	82·4	20	86·7	27	93·2	28	96·8	28	99·3	Jan. 29
1923	97·0	31	98·6	1	91·9	1	85·2	30	90·3	21	82·2	1	75·2	15, 16	76·0	30	92·4	12	94·1	10	94·7	9	95·8	19	98·6	Feb. 1
1924	100·4	12	96·3	17	90·5	18	88·4	10	80·9	21	74·8	5	76·7	11	81·4	13	84·1	15	86·7	29	90·8	15	91·2	2	100·4	Jan. 12
1925	95·2	29	105·7	21	95·1	3	84·6	20	78·3	1	76·3	25	74·9	31	78·0	21	86·8	23	91·4	12	86·2	20	90·4	4	105·7	Feb. 21
1926	96·8	12	94·4	18	93·7	13	90·3	29	86·8	1	75·1	9	80·6	23	80·2	12	86·0	29	96·7	12	96·4	10	93·5	31	96·8	Jan. 12
1927	88·2	1	92·9	6	91·9	22	85·1	17	82·7	3	79·3	20	78·5	12	80·9	9	89·1	24	82·9	14	87·1	13	90·5	5	92·9	Feb. 6
1928	92·1	28	86·6	2	86·8	24	88·0	26	77·3	1	75·0	4	73·5	12, 20	88·5	25	85·8	23	93·0	23	102·9	9	92·1	23	102·9	Nov. 9
1929	102·0	31	91·9	12	98·7	4	86·1	4	82·3	7	76·5	5	75·6	10	83·3	22	85·6	18	88·0	27	100·4	25	97·1	15	102·0	Jan. 31
1930	95·1	20	92·3	15	86·5	19	83·7	25	80·9	12	74·2	1	75·3	18	82·0	30	85·5	23	88·6	24	96·7	13	92·2	18	96·7	Nov. 13
1931	100·2	11	90·2	21	89·2	8	90·0	2	81·5	5	78·6	12	81·3	28	79·5	7	86·4	14	90·0	10	88·9	20	98·1	19	100·2	Jan. 11
1932	99·3	10	94·4	15	89·5	20	87·8	10	77·4	10	77·4	2	75·4	24	80·3	31	82·1	13	85·7	14	87·2	21	91·2	8, 24	99·3	Jan. 10
1933	94·2	16	97·9	13	96·7	18	90·3	12	79·3	1	73·6	4	73·5	7	75·5	9	80·1	19	88·9	21	84·0	26	87·7	15	97·9	Feb. 13
1934	92·3	9	93·1	4	86·1	20	86·1	19	78·1	1	76·4	24	77·7	10	77·0	14	90·2	27	84·7	28	88·4	14	97·4	31	97·4	Dec. 31
1935	95·1	1	93·3	19	90·9	23	89·2	9	78·4	11	77·4	9	73·5	17	78·4	31	82·0	15	91·0	23	97·5	14	97·3	21	97·5	Nov. 14
1936	97·1	24	92·1	22	88·0	2	83·6	26	80·2	31	79·2	5	74·8	30	86·2	24	87·3	12	99·0	28	95·0	21	95·1	23	99·0	Oct. 28
1937	96·3	27	97·4	21	96·5	28	85·4	8	83·8	1	71·0	13	76·6	23	78·2	20	86·5	19	99·1	24	100·5	16	93·6	12	100·5	Nov. 16
1938	94·6	21	97·1	26	90·5	15	94·1	1	82·5	4	76·7	9	73·2	18	80·4	27	86·6	16	86·3	26	93·8	23	102·3	11	102·3	Dec. 11
1939	99·8	15	102·9	3	96·9	6	81·1	30	80·6	22	75·6	26	75·8	18	88·4	29	84·1	21	81·7	16	92·0	29	94·0	1	102·9	Feb. 3
Extremes for 53 years	108·9	1902	105·7	1925	99·4	1919	95·2	{1896 1903}	90·3	1923	88·9	1918	83·4	1898	88·5	1928	95·2	1912	101·4	1893	106·1	1913	105·9	1893	108·9	1902

TEMPERATURE—*continued.*

ABSOLUTE LOWEST TEMPERATURE.

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.	
	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Month.
1887	64·2	8	62·3	13	63·5	30	55·1	29	44·5	24	41·9	8	40·4	11	37·4	6	44·5	11	50·6	12	54·9	16	59·5	9	37·4	Aug. 6
1888	61·0	8	64·1	2	59·1	31	56·4	19, 27	43·5	31	39·4	23	39·5	23	40·2	6	46·8	4	51·7	19	56·9	2	59·4	3	39·4	June 23
1889	61·8	11	61·8	9	61·8	27	55·6	10	53·0	27	41·6	29	37·4	2	41·5	15	45·5	3	49·1	8	60·2	16	64·9	31	37·4	July 2
1890	62·8	2	63·7	9	60·5	16, 17	55·4	16	50·1	20	42·6	20	36·2	14	38·9	9	43·8	10	51·5	18	54·9	19	57·0	16	36·2	July 14
1891	66·2	28	62·4	23	60·1	19	53·0	30	47·0	11	40·5	23	39·8	10	42·8	14	44·8	12	49·4	3	57·2	8	62·1	21	39·8	July 5
1892	62·7	26	61·6	23	62·4	30	53·0	15, 16	47·9	4	39·7	24	41·1	25	41·0	6	48·3	18	51·0	3	57·2	13	61·1	22	39·7	June 24
1893	58·8	4	61·2	1	58·2	10	49·8	5	45·5	20	39·0	21	39·3	10	41·7	8	44·9	11	52·9	14	59·4	23	58·2	30	39·0	June 21
1894	64·2	22	62·7	16	63·7	17	53·5	23	45·7	24	41·0	19	36·1	12	39·4	9	45·2	11	54·6	1	57·2	22	57·5	3	36·1	July 12
1895	63·2	10	61·7	2	55·6	30	52·8	30	44·7	28, 29	41·6	26	36·4	8, 29	40·5	3	44·2	24	54·1	3	55·6	4	58·4	23	36·4	July 8, July 29
1896	61·2	30	65·3	4	58·2	31	54·7	12	49·3	26	38·5	16	36·1	2	38·3	4	40·7	1	50·0	1	56·9	10	62·2	24	36·1	July 2
1897	60·4	12	61·7	14	56·8	11	51·4	30	42·9	8	47·9	11	43·4	14	43·6	7	45·7	3	49·5	12	55·3	4	59·4	7	42·9	May 8
1898	61·6	24	63·1	26	63·5	31	55·4	23	43·3	23	40·1	27	41·4	20	41·3	3	49·7	7	51·5	30	56·7	1	58·9	10	40·1	June 27
1899	64·4	16	61·4	2	59·7	26	54·3	29	41·3	24	43·3	26	40·2	3	37·5	9	49·6	7, 8	43·3	3	51·8	1	61·5	18	37·5	Aug. 9
1900	63·4	13, 14, 19	64·6	12	64·2	23	48·6	17	47·8	14	44·5	28	37·5	2	40·3	22	46·6	3, 4	51·4	7	57·7	21	63·4	27	37·5	July 2
1901	62·8	29	63·8	4	61·9	3	50·4	26	48·0	31	41·3	23	38·8	31	38·6	1	48·4	6	50·6	1	54·7	9	60·4	8	38·6	Aug. 1
1902	65·8	1	64·2	13	56·4	28	49·2	30	47·5	11	41·7	23	42·5	25	39·6	14	47·7	16	55·5	26	56·8	7	62·9	3	39·6	Aug. 14
1903	63·6	16	64·4	18	64·3	18	53·4	28	46·3	29	39·1	23	40·2	6	43·3	2	46·4	9	51·4	3	56·3	23	63·6	8	39·1	June 23
1904	62·5	9	58·7	10, 11	61·3	4	55·8	27	49·6	20	38·7	27	39·2	1	41·0	2	43·8	3	52·4	1	60·5	10	61·8	25	38·7	June 27
1905	63·7	25	63·8	11	63·0	1	56·7	28	49·9	12	40·3	15	37·2	25	43·0	18	42·1	2	51·1	1	48·5	2	60·7	26	37·2	July 25
1906	61·6	16	65·2	7	60·3	31	51·4	29	48·3	17	39·0	25	36·5	19	43·2	13	44·2	2	49·4	5	51·5	6	60·7	27	36·5	July 19
1907	64·7	1	62·2	23	57·4	29	50·2	23	46·8	26	46·6	19	40·4	13	39·4	23	46·4	4	54·1	9	56·4	9	64·5	24	39·4	Aug. 23
1908	64·2	18	63·8	29	60·5	25	54·5	27	48·8	16	36·3	29	39·1	6	40·4	19	44·6	16	44·5	1	58·0	1	59·6	5	36·3	June 29
1909	60·0	25	61·0	9	60·0	13	52·2	30	47·9	5	44·4	16	40·6	23	41·5	7	44·0	2	50·7	5	55·4	5	59·4	23	40·6	July 23
1910	64·3	2, 4	64·4	1, 24	60·4	15	59·2	20	50·6	9	43·2	7	41·0	8	43·5	6	51·4	4	44·5	12	55·4	2, 3	63·2	20	41·0	July 8
1911	65·4	1, 4	63·2	28	60·6	31	50·8	29	41·4	31	40·6	1	36·4	28	38·3	2	47·1	4	53·4	26	54·4	5	63·4	24	36·4	July 28
1912	62·3	19	65·2	4	62·4	31	54·3	24	42·6	28	47·5	2	42·8	17	42·6	31	45·6	20	49·6	7	60·4	29, 30	56·4	13	42·6	May 28, Aug. 31
1913	61·4	7	64·6	13, 24	52·4	29	58·4	22	51·5	8	43·3	28	43·4	21	39·5	11	44·9	7	53·0	2, 5	51·9	7	60·4	8	39·5	Aug. 11
1914	64·5	1	63·1	16	63·8	13	55·7	25	43·0	28	45·5	17	40·0	12, 15, 18	43·9	16	49·9	10	53·6	14	61·5	1	59·7	3	40·0	July 12, July 15, July 18
1915	61·9	9	62·6	28	58·9	20	51·2	27	43·9	23	44·1	27	41·9	5	38·0	14	49·3	13	48·9	7	57·3	25	57·5	17	38·0	Aug. 14
1916	61·9	25	62·8	16	63·1	23	53·8	29	44·8	30	40·0	25	39·5	4	42·4	7	45·8	12	51·7	1	52·1	17	61·3	15	39·5	July 4
1917	61·7	1	62·0	13	59·4	31	50·9	10	42·5	21	37·4	30	37·6	7	38·9	23	44·0	4	48·9	10	56·4	9	59·8	2	37·4	June 30
1918	61·8	6	62·1	16	58·0	26	53·7	29	43·5	19	38·5	29	36·8	2	45·5	13	45·9	2	53·4	3	56·5	30	57·9	1	36·8	July 25
1919	63·6	12	65·0	3	62·0	16, 20	56·9	13	51·9	24	43·4	20	40·6	5	38·4	5	46·5	9	54·3	4	56·5	8	64·4	22	38·4	Aug. 14
1920	60·6	28	63·3	11	57·5	18	52·1	26	46·7	13	42·4	5, 7	41·3	13	41·9	15	50·5	24	53·4	1	57·7	1	63·9	10	41·3	July 13
1921	64·2	18	65·1	10	60·3	8, 22	57·4	21	46·3	27	45·9	19	47·1	16	42·0	6	49·5	21	51·1	3	60·8	1	60·5	11	42·0	Aug. 6
1922	61·4	2	65·1	6	60·4	16	58·4	25	46·7	28	43·2	9	38·8	10	39·1	21	48·2	22	54·3	6	60·4	1	64·7	1	38·8	July 10
1923	64·3	20	61·7	15	61·7	25	56·5	23	51·4	13, 25	41·7	21	43·0	22	41·5	16	47·9	17	51·1	5	58·4	7	65·8	31	41·5	Aug. 16
1924	63·5	26	64·5	25	58·9	31	49·8	22	43·2	27	42·8	19	46·1	2	41·0	5	49·3	9	50·6	9	61·3	26	57·8	5	41·0	Aug. 5
1925	61·7	28	63·9	7	61·3	5	44·4	25	46·9	27	41·0	8	37·1	24	43·3	2	44·9	8	46·2	1	53·4	24	61·6	13	37·1	July 24
1926	64·6	10	67·5	28	62·4	2	51·2	27	46·7	28	44·9	13	41·6	17	41·1	11	49·5	2, 12	50·2	10	56·3	6	62·7	9	41·1	Aug. 11
1927	64·5	23, 24	63·6	1	60·5	31	55·2	26	45·3	27	43·9	11	38·8	11	39·9	12	46·1	9	51·3	5	59·3	15	62·1	22	38·8	July 11
1928	61·9	13	66·9	27	60·7	16	55·8	29	46·5	14	40·4	9	42·5	18	41·7	2	46·9	3	52·2	4	59·1	22	62·0	14	40·4	June 9
1929	64·6	26	66·7	9	61·0	31	47·5	27	46·6	9	39·6	23	39·6	17	41·6	3	47·7	3	53·1	23	54·3	8	59·5	6	39·6	June 23, July 17
1930	64·4	29, 30, 21	63·4	13, 28	60·3	26	54·5	13	50·0	15	40·7	9	42·3	11	42·0	14	7·9	3	56·5	3, 15, 27	59·1	3	57·6	29	40·7	June 9
1931	66·6	22, 29	58·5	23	62·3	23	56·2	22	47·6	30	45·1	27	41·8	17	43·4	1	45·0	1	48·8	12	58·3	10, 23	61·7	24	41·8	July 17
1932	64·1	20	63·2	25	63·3	30	54·4	30	53·5	25	42·4	19	41·7	15	41·0	16	46·6	10	52·3	10	59·2	11	62·2	11	41·0	Aug. 16
1933	65·0	8	60·3	23	61·1	23	56·0	25	46·1	29	37·9	28	39·5	19	40·8	25	45·5	10	55·2	20	57·6	3	61·6	18	37·9	June 28
1934	61·6	23	62·1	10	60·1	29	50·1	24	48·1	31	39·7	12	41·5	9	40·9	5	45·3	5	50·1	3	58·4	4	58·1	11	39·7	June 12
1935	60·7	7	63·5	3	55·1	17	48·7	17	42·9	31	40·8	24	37·8	16	43·2	11	45·8	7	55·2	3	57·4	1	61·3	15	37·8	July 16
1936	62·3	19	63·3	1, 20, 27	60·6	27	49·8	20	51·0	29	41·5	28	39·9	1	44·8	1	49·5	4, 23	56·4	1	55·4	2	63·5	5	39·9	July 1
1937	63·9	16	63·2	27	62·7	4	54·2	22	48·8	19	42·8	30	42·4	2, 3	43·7	5	46·1	12	58·1	14	52·4	11	62·6	3	42·4	July 2, July 3
1938	65·8	27	63·3	19	59·8	16	50·1	28	53·6	31	41·3	28	44·5	28	41·0	3	45·6	4	55·5	19	62·3	4	60·5	5	41·0	Aug. 3
1939	65·1	31	65·0	9	59·1	25	54·5	22	51·2	30	42·5	25	40·4	26	41·5	13	43·9	13	52·0	8	56·1	1	60·9	11	40·4	July 26
Extremes for 53 years	58·8	1893	58·5	1931	52·4	1913	44·4	1925	41·3	1899	37·4	1917	36·1	1894, 1896	37·4	1887	40·7	1896	43·3	1899	48·5	1905	56·4	1912	36·1	1894, 1896

TEMPERATURE—*continued.*

MEAN TERRESTRIAL RADIATION.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	°	°	°	°	°	°	°	°	°	°	°	°	°
1887	..	*63·9	*66·0	*58·4	*46·6	*40·0	*41·2	*44·9	*45·4	*50·7	*55·7	*60·0	..
1888	62·1	65·7	56·3	55·0	47·4	40·5	36·7	40·6	47·2	52·8	57·1	62·6	52·0
1889	60·8	61·0	62·6	59·4	53·3	41·7	43·7	42·7	47·2	52·3	60·2	64·7	54·1
1890	63·5	65·5	64·8	56·1	51·2	47·1	37·1	38·4	46·9	50·6	55·5	59·9	53·0
1891	67·3	62·7	62·2	56·5	51·2	42·9	41·2	42·1	46·0	52·4	57·9	61·8	53·7
1892	62·7	61·6	64·7	55·2	52·3	44·0	42·4	40·3	48·8	57·0	57·6	61·6	54·0
1893	63·5	67·6	62·1	54·4	48·1	43·6	42·0	47·7	45·3	56·5	61·0	62·3	54·5
1894	66·4	66·0	64·9	59·9	48·9	43·6	38·6	42·2	47·4	55·5	60·2	60·6	54·6
1895	67·6	63·7	59·8	56·4	48·8	41·7	37·4	39·2	46·7	56·8	59·8	64·1	53·5
1896	67·2	68·1	60·8	55·4	49·2	39·7	39·3	41·2	45·1	53·9	58·6	63·0	53·5
1897	63·8	63·3	59·1	52·1	43·8	48·8	40·0	44·4	49·3	56·8	60·3	60·8	53·5
1898	65·9	65·4	62·4	56·8	46·0	45·8	39·2	43·6	49·6	52·1	62·1	60·3	54·1
1899	66·0	62·1	61·1	56·5	46·8	44·4	40·4	41·2	50·2	51·8	57·2	62·0	53·3
1900	62·4	64·3	62·3	53·3	49·6	44·2	38·9	42·6	45·8	52·1	59·7	63·6	53·2
1901	64·3	64·1	64·1	54·8	51·3	42·9	40·0	44·0	49·8	52·8	58·4	61·9	54·0
1902	65·9	64·9	57·9	53·1	46·3	43·5	42·6	42·2	47·2	55·6	59·6	65·4	53·7
1903	64·3	66·0	65·5	56·3	49·8	40·6	44·7	44·3	48·1	51·3	55·4	63·3	54·1
1904	62·9	61·3	62·1	58·2	52·1	39·1	40·9	41·0	46·4	55·3	59·7	62·1	53·4
1905	64·8	63·9	62·0	58·3	50·7	43·1	36 8	42·4	42·8	49·7	57·3	63·4	52·9
1906	65·2	65·5	62·6	56·6	50·1	47·1	41·9	46·0	53·8	55·8	56·3	62·7	55·3
1907	65·2	63·9	62·6	52·7	50·2	48·4	39·6	39·6	47·6	56·0	60·5	64·6	54·2
1908	63·1	65·4	62·6	59·5	52·2	39·4	42·1	44·4	47·7	50·5	59·0	63·0	54·1
1909	62·3	62·9	61·6	55·8	48·6	48·1	41·6	47·1	48·3	55·3	60·5	64·0	54·8
1910	66·0	63·3	62·9	57·3	52·9	47·8	43·0	45·3	53·8	54·0	58·6	64·3	55·8
1911	65·4	64·3	62·0	54·3	47·0	40·4	41·4	43·8	49·1	54·7	61·5	67·4	54·3
1912	65·0	64·7	62·2	56·8	48·9	50·3	44·8	44·5	47·0	55·9	61·0	62·5	55·3
1913	65·1	65·3	61·6	59·9	52·6	47·9	46·4	41·6	50·7	56·2	59·2	65·4	56·0
1914	66·7	65·5	65·1	60·5	53·2	50·6	44·5	47·0	51·3	55·8	64·7	66·0	57·6
1915	63·8	66·3	61·5	58·6	49·9	46·5	47·9	43·1	54·3	56·8	63·0	62·6	56·2
1916	65·7	66·9	64·5	60·9	52·1	48·9	46·7	46·7	51·1	58·0	58·7	63·5	57·0
1917	66·6	63·0	62·6	55·3	47·7	45·1	44·3	46·3	50·8	56·0	60·8	62·6	55·1
1918	64·3	64·2	61·1	55·5	49·4	43·4	39·8	47·1	49·5	56·6	60·9	64·3	54·7
1919	65·4	65·2	64·3	59·7	55·0	48·1	43·3	41·7	43·8	54·6	59·1	64·1	55·8
1920	64·3	62·8	60·5	56·6	51·4	45·7	46·3	45·9	51·4	56·1	61·3	65·1	55·6
1921	65·3	64·0	62·9	59·5	52·8	53·1	48·8	43·1	51·7	52·6	62·2	64·1	56·7
1922	65·0	67·2	61·7	56·8	51·3	48·8	43·9	43·3	50·9	57·5	62·1	66·2	56·3
1923	67·8	65·7	64·5	59·2	51·3	45·7	44·6	44·5	48·4	56·5	60·2	67·8	56·3
1924	67·1	68·1	62·7	56·8	50·1	46·1	49·7	47·5	52·4	56·6	61·6	61·7	56·7
1925	64·4	66·8	62·5	55·0	50·6	46·0	40·5	46·2	45·5	53·3	58·7	64·3	54·5
1926	65·4	66·8	62·7	57·5	50·7	46·9	41·7	44·8	49·2	53·1	58·2	63·0	55·0
1927	65·9	64·7	64·1	57·9	46·1	46·2	40·0	39·3	49·0	55·0	60·4	62·1	54·2
1928	64·5	68·3	62·5	59·9	47·4	45·5	44·5	47·1	49·1	58·5	60·7	63·6	56·0
1929	68·0	68·2	63·8	56·0	46·7	43·4	40·4	45·5	48·6	54·2	59·7	63·0	54·8
1930	67·1	63·1	60·0	55·2	52·0	49·7	45·2	43·4	47·9	56·4	60·1	60·4	55·0
1931	68·1	63·1	64·7	56·3	55·0	48·7	43·4	44·7	48·5	50·7	60·4	62·4	55·5
1932	64·3	65·2	64·9	60·6	53·3	46·0	41·6	43·2	49·2	54·5	61·6	63·8	55·7
1933	67·2	64·3	64·6	57·8	49·4	45·0	45·8	42·5	50·9	57·5	60·9	63·7	55·8
1934	64·2	63·8	61·2	57·6	51·6	42·6	46·7	44·2	48·9	53·6	60·4	61·2	54·7
1935	65·8	67·2	60·5	53·6	46·6	42·9	42·9	43·7	48·6	55·9	58·7	64·3	54·2
1936	64·4	62·3	62·0	53·0	50·8	46·1	44·7	44·0	48·6	58·1	60·2	64·6	54·9
1937	67·1	64·7	62·7	53·2	48·9	43·8	43·7	45·4	48·6	55·5	61·0	63 5	54·8
1938	65·6	65·1	62·6	56·4	55·2	45·1	43·8	41·7	46·1	54·8	61·7	66·2	55·4
1939	68·0	66·0	65·7	66·0	55·2	47·3	45·4	45·0	46·4	54·1	60·8	64·2	57·0
Average for 52 years ..	65·2	64·8	62·5	56·8	50·3	45·3	42·6	43·6	48·7	54·7	59·9	63·4	54·8

TEMPERATURE—*continued.*

ABSOLUTE LOWEST TERRESTRIAL RADIATION.

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.	
	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Date.	°	Month.
1887	..	..	53·7	19	58·4	31	40·7	29	35·4	13	31·4	8	29·6	25	29·1	6	33·4	10	38·2	12	48·0	16	51·4	9	29·1	Aug. 6
1888	56·2	8	59·2	1	49·5	18	48·0	27	34·0	31	25·4	23	24·6	23	29·7	3	32·3	3	42·5	10	49·1	3	53·7	3	24·6	July 23
1889	52·4	28	49·3	9	55·0	19	48·0	10	41·3	28	32·1	27	27·3	2	30·4	9	30·4	1	34·9	8	53·0	3	57·7	22	27·3	July 2
1890	57·1	8	59·7	9	57·5	30	45·9	15	42·5	20	35·2	27	24·7	11	29·4	16	33·3	9	37·0	18	46·8	19	51·0	12	24·7	July 11
1891	60·0	5	57·0	22	54·9	20	47·2	30	40·7	11	33·9	23	32·4	16	32·0	19	36·5	12	43·4	6	51·0	7	56·4	21	32·0	Aug. 19
1892	57·0	26	56·3	23	53·9	30	41·4	14	37·7	4	27·2	24	29·2	10	32·9	11	39·4	18	46·0	3	50·1	13	54·1	21	27·2	June 24
1893	49·9	4	57·9	23	51·4	10	43·8	5	37·6	22	29·1	21	28·1	5	33·1	8	35·9	19	47·6	14	53·9	15	50·5	29	28·1	July 5
1894	58·7	20	60·6	{6, 14}	57·2	17	48·5	25	37·7	22	35·9	18	30·2	21	32·8	3	36·0	25	44·7	6	49·9	22	49·1	3	30·2	July 21
1895	57·7	10	55·1	2	49·8	30	48·4	30	38·0	29	32·0	29	27·8	4	33·0	4	34·9	24	48·2	18	51·8	30	53·6	23	27·8	July 4
1896	59·8	2	61·7	6	51·8	30	46·6	12	39·9	13	30·0	22	26·9	3	30·4	4	34·1	1	40·1	2	50·0	10	55·9	24	26·9	July 3
1897	53·5	12	55·3	16	46·4	11	39·3	23	29·8	8	39·2	3	31·9	13	33·9	7	38·0	3	41·0	12	50·8	4	54·7	7	29·8	May 8
1898	56·2	25	56·1	26	55·9	31	49·8	23	35·0	25	34·5	27	29·0	21	31·8	3	41·9	28	41·1	30	52·3	1	49·5	10	29·0	July 21
1899	57·9	{16, 21}	56·1	2	55·1	18	47·0	{5, 29}	32·2	24	32·5	30	27·1	4	27·1	9	40·1	8	36·9	{3, 4}	45·1	2	54·2	{17, 18}	27·1	{July 4, Aug. 9}
1900	55·9	27	56·8	11	56·7	23	37·0	17	38·8	31	33·7	28	27·0	18	30·0	21	38·2	3	43·2	7	50·8	23	56·0	27	27·0	July 18
1901	56·9	18	59·0	19	56·4	3	40·3	26	39·6	11	31·8	23	29·0	31	30·7	1	36·5	5	40·1	1	49·1	9	51·4	8	29·0	July 31
1902	58·1	1	58·9	13	46·0	28	41·0	30	37·7	14	29·0	23	33·9	25	31·0	14	34·2	16	48·1	7	50·5	7	57·0	31	29·0	June 23
1903	57·0	16	57·9	18	58·0	18	41·1	14	34·2	28	32·0	21	31·2	6	33·0	2	36·9	9	41·1	3	47·1	14	56·1	8	31·2	July 6
1904	55·3	9	50·0	11	54·0	26	47·2	26	43·7	21	30·4	26	28·4	3	32·9	18	32·9	1	44·7	1	54·4	7	55·4	25	28·4	July 3
1905	57·1	26	57·2	9	56·2	1	50·8	28	39·0	12	31·9	15	27·6	25	35·6	18	32·2	1	40·8	11	38·8	1	53·2	5	27·6	July 25
1906	55·1	16	58·2	7	53·0	30	42·0	28	42·1	17	34·7	25	32·2	19	36·8	3	38·3	1	40·8	5	43·7	5	54·1	26	32·2	July 19
1907	60·0	{1, 17}	56·8	22	52·0	29	40·8	25	37·9	2	37·6	19	29·2	7	30·4	23	39·1	4	48·1	5	48·3	5	58·1	3	29·2	July 7
1908	58·2	21	57·8	29	56·1	25	47·0	27	41·0	9	28·3	26	30·2	6	32·0	19	34·3	16	36·3	1	53·2	1	54·0	5	28·3	June 26
1909	53·8	25	55·1	6	54·8	13	45·0	28	40·4	10	35·0	16	33·8	{6, 19}	33·1	5	36·3	2	44·1	5	49·9	{4, 5}	57·4	24	33·1	Aug. 5
1910	58·9	4	58·1	{4, 28}	55·2	{22, 26}	52·2	20	45·8	9	35·1	6	34·4	8	36·1	27	46·3	19	35·1	12	49·0	3	57·8	20	34·4	July 8
1911	60·1	{23, 24}	59·0	27	54·0	31	43·1	29	32·9	31	32·0	22	29·9	28	32·2	2	39·0	17	44·6	26	47·1	5	58·3	24	29·9	July 28
1912	57·1	19	59·8	4	56·8	31	45·8	24	36·1	28	41·0	2	35·0	17	35·0	31	38·9	20	44·7	7	54·5	30	50·0	13	35·0	{July 17, Aug. 31}
1913	59·3	23	60·5	13	45·4	29	54·2	20	44·7	7	39·4	28	38·7	21	32·9	11	39·9	7	49·3	2	47·1	6	56·3	8	32·9	Aug. 11
1914	60·8	1	59·2	16	60·3	13	50·6	14	36·4	28	40·8	17	33·8	17	39·0	16	46·6	10	49·7	14	59·3	15	56·2	3	33·8	July 17
1915	56·3	9	58·3	28	55·3	20	46·8	27	38·2	{22, 23}	39·7	27	38·4	5	34·0	14	45·4	1	44·8	7	53·5	25	52·9	17	34·0	Aug. 14
1916	57·8	25	58·9	16	59·6	26	49·7	29	40·9	30	35·8	24	36·4	4	37·5	18	41·8	12	47·8	1	47·6	15	57·8	15	35·8	June 24
1917	58·5	1	57·3	13	56·6	21	45·1	10	36·3	21	34·0	30	34·2	29	33·0	23	38·9	4	42·4	10	53·1	20	57·6	2	33·0	Aug. 23
1918	55·9	6	58·6	{16, 17}	52·8	19	49·1	28	39·3	19	34·6	29	32·8	2	40·1	25	39·1	2	49·0	3	51·6	4	53·4	1	32·8	July 2
1919	58·9	12	60·7	2	57·8	21	51·6	13	43·6	24	32·0	20	30·8	3	31·4	5	35·5	9	47·1	5	50·7	8	58·1	22	30·8	July 3
1920	51·1	28	59·1	14	52·6	18	43·6	26	40·3	19	34·6	5	34·4	12	37·5	18	43·6	22	46·7	1	52·4	1	56·2	12	34·4	July 12
1921	60·0	26	61·2	10	56·1	22	54·2	17	38·8	27	41·9	19	36·4	29	31·4	6	44·1	21	44·5	3	54·7	1	56·4	{11, 12}	31·4	Aug. 6
1922	56·0	2	62·2	7	57·7	16	47·2	23	42·4	8	36·9	7	34·2	3	35·4	20	42·7	10	49·9	{3, 6}	55·2	9	58·3	27	34·2	July 3, Aug. 12
1923	61·7	20	58·8	15	58·7	24	53·5	30	44·4	25	37·5	11	37·4	21	35·2	12	41·4	16	45·1	3	53·6	6	63·0	31	35·2	
1924	58·7	27	60·4	25	54·4	30	44·4	22	37·9	25	37·0	18	40·3	31	36·0	5	42·4	7	44·2	9	56·4	26	53·3	5	36·0	Aug. 5
1925	56·6	28	59·8	7	57·6	{26, 28}	36·7	24	40·2	31	36·3	8	30·8	24	36·4	1	35·4	19	40·6	1	47·7	24	55·2	13	30·8	July 24
1926	59·2	{9, 10}	63·1	8	54·5	29	45·0	20	37·7	24	35·9	27	32·1	26	33·3	18	40·1	12	41·1	10	47·9	6	56·7	9	32·1	July 26
1927	59·1	13	59·3	{11, 24}	55·9	27	48·8	25	33·6	27	38·8	11	29·6	18	33·6	11	41·0	17	43·2	5	53·3	1	54·5	29	29·6	July 18
1928	57·5	13	62·4	27	57·5	14	44·8	29	36·8	14	36·5	8	35·2	7	37·6	2	38·9	6	38·9	4	55·1	2	57·2	14	35·2	July 7
1929	61·4	26	63·7	7	58·0	29	38·2	27	37·1	24	32·8	23	33·1	16	37·0	7	40·9	11	43·0	23	48·0	7	52·9	6	32·8	June 23
1930	58·4	11	57·6	12	55·1	26	46·9	26	41·5	14	31·4	9	33·9	11	31·5	16	38·1	24	48·8	26	47·9	15	52·4	29	31·4	June 9
1931	60·9	4	49·1	22	59·2	26	47·0	9	38·8	30	37·1	26	31·3	14	31·6	1	37·0	1	36·4	5	49·0	21	55·3	17	31·3	July 14
1932	59·0	2	57·6	25	60·5	30	46·7	30	47·6	11	32·9	19	33·3	10	30·1	16	38·6	10	44·3	21	53·8	10	58·2	25	30·1	Aug. 16
1933	61·3	{7, 8}	54·8	23	58·9	17	51·3	25	37·4	29	33·1	28	33·1	19	33·3	4	36·0	10	51·0	20	53·0	3	57·1	20	33·1	{June 28, July 19}
1934	58·0	{11, 23}	58·4	8	56·0	{23, 30}	42·1	23	43·1	29	35·0	12	36·4	20	33·3	5	40·3	5	44·3	3	52·1	4	53·0	{1, 2, 11}	33·3	Aug. 5
1935	53·5	7	56·4	3	47·3	17	40·2	17	36·4	30	31·0	24	33·4	5	36·5	{2, 15}	38·9	6	48·1	3	48·9	17	56·7	15	31·0	June 24
1936	58·2	{19, 20}	55·2	20	54·5	26	37·4	20	43·9	20	34·7	15	31·2	19	35·3	1	42·0	9	50·5	1	50·0	2	53·5	5	31·2	July 19
1937	60·1	16	57·6	27	57·8	12	46·5	{22, 24}	40·0	18	33·8	2	30·5	5	32·4	5	36·8	22	44·0	2	52·0	11	56·0	4	30·5	July 5
1938	58·8	27	51·6	19	49·2	16	37·6	28	45·6	9	35·2	30	32·5	1	29·8	1	39·1	12	48·5	19	56·5	4	57·5	5	29·8	Aug. 1
1939	61·0	31	61·2	11	55·3	25	49·6	27	47·6	24	39·5	25	36·6	26	37·0	13	39·7	12	43·4	7	52·8	{1, 12}	56·8	11	36·6	July 26
Extremes for 52 years	49·9	1893	49·3	1889	45·4	1913	36·7	1925	29·8	1897	25·4	1888	24·6	1888	27·1	1899	30·4	1889	34·9	1889	38·8	1905	49·5	1898	24·6	1888

HUMIDITY.

RELATIVE HUMIDITY 9 A.M. (Saturation = 100).

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	%	%	%	%	%	%	%	%	%	%	%	%	%
1887	67	73	80	77	74	69	75	80	65	60	60	60	70
1888	64	75	67	72	75	71	67	65	63	58	54	63	66
1889	58	57	73	77	80	72	77	73	69	62	67	66	69
1890	72	80	85	74	82	80	73	72	64	56	58	63	71
1891	68	64	73	73	85	73	75	69	66	65	58	58	69
1892	63	62	75	79	82	81	78	66	69	68	59	60	69
1893	65	82	77	75	78	76	80	79	61	62	58	52	68
1894	65	67	77	75	72	74	68	65	63	68	71	66	69
1895	79	75	73	75	78	76	75	68	63	60	58	66	69
1896	72	82	71	71	75	71	70	69	69	70	64	65	70
1897	59	64	67	60	64	77	73	70	66	72	63	67	67
1898	77	71	70	70	68	78	68	75	71	56	58	64	68
1899	69	69	66	72	69	71	74	73	76	66	56	65	68
1900	67	68	71	69	69	69	70	68	69	56	56	55	65
1901	60	69	79	72	78	75	74	72	69	58	58	54	66
1902	55	60	56	63	68	71	73	66	59	54	57	61	61
1903	53	61	73	68	74	68	76	75	65	64	61	59	66
1904	62	55	68	74	80	73	72	73	61	68	56	64	67
1905	69	69	64	74	72	72	68	66	47	52	53	61	64
1906	67	73	73	69	74	77	68	67	71	64	56	62	68
1907	68	67	70	66	73	79	75	67	59	59	61	62	66
1908	66	68	73	75	75	74	76	71	62	54	60	58	66
1909	59	68	71	68	70	77	74	77	66	59	58	57	67
1910	67	66	72	73	73	82	69	75	74	60	60	62	69
1911	67	78	75	69	73	67	74	76	70	64	58	54	67
1912	56	62	73	68	67	78	75	73	50	56	59	60	64
1913	67	72	71	76	72	79	78	63	66	55	46	59	67
1914	59	66	80	72	76	80	70	70	65	66	60	63	68
1915	64	69	66	75	74	72	81	61	67	49	58	61	66
1916	64	71	69	79	79	79	78	71	73	68	59	66	69
1917	69	72	75	67	64	72	61	74	66	62	72	67	68
1918	73	71	75	77	78	73	72	74	68	58	63	63	70
1919	63	67	70	76	76	73	68	65	61	56	57	62	66
1920	68	64	66	69	72	74	76	64	67	64	65	59	66
1921	70	67	77	80	81	84	77	66	73	57	67	68	72
1922	66	79	70	69	68	76	75	62	69	65	62	68	69
1923	67	65	69	77	68	68	68	66	53	53	58	70	65
1924	64	72	69	68	74	69	79	70	67	61	65	61	68
1925	72	72	75	70	73	73	66	68	56	57	68	68	68
1926	67	67	69	70	67	72	71	62	60	54	54	66	65
1927	75	72	78	74	61	69	64	58	60	65	68	66	68
1928	68	80	72	75	69	76	75	73	60	60	55	57	68
1929	66	78	73	69	64	68	66	67	58	58	52	52	64
1930	71	67	71	66	74	76	72	62	58	60	56	52	65
1931	62	68	76	69	76	75	67	69	60	51	66	65	67
1932	59	61	64	70	70	65	65	62	62	60	60	57	63
1933	67	64	66	66	64	71	70	68	65	63	69	64	66
1934	64	68	67	75	74	70	71	65	64	59	65	64	67
1935	65	66	65	64	64	63	68	67	63	64	55	62	64
1936	71	66	74	65	73	73	72	59	61	55	55	58	65
1937	58	66	73	63	67	67	71	70	56	57	69	65	65
1938	71	70	73	69	80	71	75	69	62	66	69	60	70
1939	73	67	77	78	78	72	72	60	58	61	64	62	69
Average for 53 years ..	66	69	72	71	73	73	72	69	64	60	60	62	67

HUMIDITY—*continued.*

RELATIVE HUMIDITY 3 P.M. (Saturation = 100).

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	%	%	%	%	%	%	%	%	%	%	%	%	%
1887	57	63	68	62	54	49	52	55	48	47	54	55	55
1888	52	67	47	58	53	50	44	43	51	52	47	56	52
1889	53	49	57	66	65	50	60	52	53	52	62	55	58
1890	59	70	73	64	64	58	41	47	49	44	51	58	57
1891	63	54	60	60	61	50	52	49	52	58	52	51	56
1892	53	50	64	64	69	63	58	45	54	61	54	53	57
1893	60	78	68	56	56	60	60	58	44	47	57	47	58
1894	61	58	68	60	51	51	44	46	50	57	61	57	55
1895	72	62	57	60	62	52	52	49	52	52	56	64	58
1896	62	75	55	54	55	48	47	50	56	66	61	56	58
1897	52	54	54	44	45	59	51	48	53	59	54	58	53
1898	67	65	62	53	53	58	47	59	56	50	59	58	58
1899	62	59	53	55	50	57	62	56	65	63	53	55	58
1900	63	56	56	53	54	54	52	47	53	44	53	51	53
1901	50	56	62	57	59	53	52	54	54	50	53	50	55
1902	47	51	47	46	48	51	50	48	46	50	53	54	49
1903	46	53	61	54	57	49	58	60	52	59	59	53	56
1904	56	46	60	67	66	50	59	50	40	64	55	62	58
1905	65	63	50	59	53	50	44	45	37	47	52	56	52
1906	59	63	62	50	52	54	44	49	57	56	53	51	55
1907	57	56	57	47	54	60	48	41	46	50	56	59	52
1908	56	58	57	61	57	52	50	53	50	44	57	51	55
1909	48	57	57	53	49	59	51	53	50	52	56	56	54
1910	60	54	63	55	54	59	48	51	58	49	58	56	55
1911	61	64	56	46	52	46	48	55	51	54	54	39	52
1912	51	52	60	53	44	61	51	52	32	49	57	56	51
1913	63	63	57	61	59	58	53	36	50	45	45	56	53
1914	53	57	63	50	58	65	50	48	52	56	57	59	55
1915	56	58	52	52	53	53	60	38	54	46	56	54	53
1916	53	58	56	65	54	60	57	52	60	63	51	58	56
1917	58	61	63	49	44	49	39	52	56	53	63	58	53
1918	65	60	60	63	54	43	47	52	53	52	56	58	55
1919	56	63	58	60	62	57	47	44	47	53	55	57	55
1920	62	56	55	57	57	55	55	46	55	57	60	56	56
1921	62	58	70	70	63	68	60	52	61	52	64	62	62
1922	55	71	59	56	55	60	56	44	58	58	66	66	59
1923	64	63	63	67	51	52	49	49	48	48	57	67	57
1924	59	66	62	59	57	57	63	57	56	59	61	60	60
1925	67	65	69	56	60	57	45	53	43	53	65	63	58
1926	59	57	58	52	51	56	50	46	51	49	51	63	54
1927	68	66	66	56	43	55	43	36	50	58	60	61	55
1928	62	73	58	61	56	55	55	52	51	57	55	55	58
1929	59	66	63	55	48	52	42	47	48	51	53	53	53
1930	64	56	59	50	59	62	52	46	43	56	51	54	54
1931	57	59	69	56	63	58	50	50	51	48	60	56	56
1932	55	53	54	59	56	50	43	42	52	53	59	52	52
1933	59	55	54	55	48	50	55	47	56	54	65	63	55
1934	58	61	55	62	59	50	52	48	51	54	61	60	56
1935	57	62	58	48	47	44	50	49	50	55	50	60	53
1936	61	59	63	48	59	56	53	40	48	52	53	55	54
1937	56	59	61	44	51	51	52	55	47	51	65	60	54
1938	65	57	58	52	67	53	56	49	49	58	63	55	57
1939	66	57	65	63	62	53	55	40	43	59	58	56	56
Average for 53 years ..	59	60	60	56	55	54	51	49	51	53	57	56	55

RAINFALL.

RAINFALL AND NUMBER OF DAYS OF RAIN.*

100 points = 1 inch.

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year, Totals.	
	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.
1840	368	..	376	..	173	..	181	..	203	..	26	..	52	..	30	..	300	..	246	..	480	..	497	..	2,932	..
1841	1,991	..	325	..	506	..	92	..	528	..	113	..	0	..	20	..	221	..	78	..	486	..	571	..	4,931	..
1842	150	..	355	..	745	..	234	..	34	..	25	..	520	..	20	..	200	..	25	..	0	..	573	..	2,881	..
1843	435	..	865	..	250	..	555	..	555	..	479	..	622	..	293	..	270	..	169	..	140	..	534	..	5,167	..
1844	1,095	..	912	..	192	..	317	..	760	..	170	..	274	..	664	..	398	..	501	..	580	..	457	..	6,320	..
1845	248	..	424	..	277	..	452	..	244	..	43	..	124	..	164	..	102	..	152	..	288	..	1,391	..	3,909	..
1846	202	..	161	..	104	..	15	..	0	..	43	..	148	..	244	..	370	..	277	..	1,043	..	536	..	3,143	..
1847†	890	..	496	..	69	..	324	..	..	..	0	..	78	..	..	..	105	..	..	..	354	..	134	..	..	..
1848	1,319	..	546	..	860	..	199	..	52	..	182	..	97	..	116	..	123	..	116	..	315	..	334	..	4,259	..
1849†	330	..	58	..	0	..	222	..	..	..	..	..	318	..	371	..	133	..	210	..	146	..	..	..	..	..
1850†	301	..	428	..	178	..	341	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1851	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1852	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1853	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1854	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1855	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1856	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1857	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1858†	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,300	..
1859†	..	..	..	..	..	..	..	..	89	..	609	..	3	..	301	..	181	..	..	..	..	..	..	..	3,500	..
1860	254	9	964	18	658	18	755	18	12	4	96	2	49	7	1,239	17	418	14	335	12	369	10	314	15	5,463	144
1861	928	17	458	16	886	18	1,039	19	287	9	688	10	190	7	1,041	13	183	11	271	6	459	12	515	17	6,945	155
1862	425	12	261	8	687	15	79	8	221	9	300	11	51	2	0	..	271	9	45	5	99	9	388	10	2,827	98
1863	649	19	1,514	16	1,436	23	670	14	92	9	275	13	243	11	181	9	107	3	930	13	493	5	293	11	6,883	146
1864	447	15	933	10	948	10	313	12	263	15	301	10	304	7	489	4	98	7	134	9	236	7	234	8	4,700	114
1865	704	10	409	10	70	2	50	3	21	2	428	4	155	4	90	3	336	6	30	2	83	4	35	2	2,411	52
1866	700	14	694	12	81	10	309	15	332	17	862	15	197	10	448	12	70	9	339	9	136	8	950	11	5,118	142
1867	685	11	1,266	10	537	18	1,528	19	897	13	414	7	72	6	77	7	92	7	25	3	234	4	277	7	6,104	112
1868	722	16	674	17	58	7	168	7	113	10	418	11	548	10	70	6	187	7	364	5	226	8	50	6	3,598	110
1869	797	11	423	10	902	19	1,204	18	39	3	618	7	56	3	0	..	156	7	354	13	337	7	553	16	5,439	114
1870	492	11	306	7	3,404	26	461	18	481	15	311	12	613	8	194	13	74	8	479	17	849	10	442	9	8,106	154
1871	879	13	481	14	537	12	511	11	83	6	131	6	332	7	43	4	152	5	317	14	433	14	923	13	4,822	119
1872	837	19	685	17	843	15	32	4	48	5	226	8	390	6	91	6	181	11	146	9	625	16	894	15	4,998	131
1873	467	18	792	13	984	20	280	12	58	8	1,403	15	98	7	321	8	86	4	143	5	539	10	1,031	18	6,202	138
1874	1,108	18	252	13	418	19	657	19	107	7	216	10	396	14	4	3	61	6	96	9	148	5	408	12	3,871	135
1875	525	10	2,719	25	771	25	259	16	626	11	128	11	648	17	53	4	196	8	319	13	217	10	242	12	6,703	162
1876	586	16	557	14	249	14	400	7	1,385	20	263	13	718	5	32	4	232	9	321	16	223	6	376	6	5,342	130
1877	690	14	168	7	302	19	223	14	108	5	136	9	152	11	31	5	128	7	223	11	579	7	288	10	3,028	119
1878	572	11	1,753	17	388	19	72	17	409	12	37	2	24	4	223	5	290	8	227	7	339	10	1,299	22	5,633	134
1879	697	21	264	17	553	19	631	24	925	6	456	5	318	9	1,467	16	457	14	141	6	282	7	539	13	6,730	157
1880	330	12	950	26	438	19	895	18	24	3	4	4	97	6	0	..	195	6	935	18	578	9	466	13	4,912	134
1881	575	13	366	14	444	18	217	8	319	12	4	3	45	4	130	8	251	12	169	6	238	14	181	5	2,939	117
1882	61	4	699	18	68	9	657	14	83	6	284	10	247	5	143	8	61	5	999	19	186	8	774	15	4,262	121
1883	829	19	463	16	235	15	340	12	421	11	30	4	69	5	137	4	208	5	158	11	60	4	272	8	3,222	114
1884	173	8	396	10	410	12	230	14	1,081	16	222	9	513	19	38	5	87	9	86	8	607	15	506	11	4,349	136
1885	161	9	761	14	154	13	128	12	121	8	234	9	5	2	25	5	89	10	146	7	262	10	599	13	2,685	112
1886	1,109	19	198	7	234	12	174	10	373	8	539	17	429	15	383	9	543	18	233	9	936	14	215	14	5,366	152
1887	2,333	17	640	25	1,209	30	334	28	305	13	17	5	751	8	1,180	19	192	17	482	22	297	29	414	25	8,154	238
1888	172	30	1,391	23	71	10	204	14	116	8	31	7	5	5	67	5	224	9	77	10	349	9	601	13	3,308	143
1889	123	5	200	8	429	19	605	21	335	17	72	3	846	12	383	12	331	10	385	11	878	19	349	18	4,936	155
1890	1,371	22	744	23	2,136	26	1,032	19	159	13	92	9	43	6	39	2	480	7	115	5	281	13	810	17	7,302	162
1891	521	18	112	9	377	19	117	14	457	19	420	3	146	7	536	10	237	13	399	11	332	8	514	12	4,168	143
1892	526	14	127	8	1,620	22	1,426	14	333	19	423	8	107	9	66	3	205	14	626	12	312	11	727	11	6,498	145
1893	947	11	4,039	25	819	22	208	11	248	11	1,103	10	179	10	444	15	83	5	256	8	388	12	112	7	8,826	147
1894	1,021	18	231	15	1,146	24	261	18	137	8	228	4	4	2	101	9	327	7	141	15	328	9	477	14	4,402	143
1895	2,772	22	289	12	106	12	355	7	153	7	2‡	0	44	5	64	3	187	2	251	11	536	8	1,152	16	5,911	105
1896	471	9	1,688	23	226	10	47	9	137	8	51	5	365	9	24	3	49	7	131	4	785	20	523	14	4,497	121
1897	330	12	379	12	422	9	5	1	75	7	191	11	396	9	134	7	324	12	572	12	405	7	1,021	16	4,254	115
1898	1,537	22	961	14	1,387	16	122	10	316	8	251	12	40	4	202	13	133	7	125	3	383	11	550	11	6,007	131
1899	732	12	210	16	71	11	332	15	154	5	275	13	350	15	143	8	248	16	226	8	233	7	761	11	3,735	137
1900	651	12	518	11	337	16	138	7	545	15	268	11	436	8	79	3	152	7	14	4	248	7	55	9	3,441	110
1901	343	6	296	13	1,170	18	310	10	227	11	329	7	131	6	371	9	130	7	325	9	141	10	75	4	3,848	110
1902	138	10	267	7	76	3	17	7	47	3	6	2	55	9	98	10	130	6	342	8	259	11	182	11	1,617	87
1903	131	9	535	14	479	17	133	9	1,181	15	73	5	556	11	384	16	473	8	365	13	398	12	219	7	4,927	136
1904	265	12	77	5	707	19	723	19	404	19	59	5	148	7	53	8	159	5	128	10	235	7	365	8	3,323	124
1905	909	12	263	10	265	10	450	14	110	12	39	9	28	3	65	6	132	4	222	8	363	9	821	11	3,667	108
1906	416	10	1,271	15	485	23	45	2	323	6	138	11	22	5	421	6	348	14	381	13	107	8	328	12	4,285	125
1907	269	17	523	14	532	9	45	11	475	10	291	13	39	6	79	3	10	2	137	9	425	13	321	12	3,146	119
1908	280	16	842	17	1,819	14	245	14	241	9	17	6	77	9	283	7	67	8	177	6	225	9	128	10	4,401	125
1909	200	5	272	11	265	12	467	10	82	6	174	9	211	6	245	11	274	10	157	8	414	11	645	12	3,406	111
1910	724	15	419	12	642	18	122	11	43	9	624	18	39	4	43	8	272	12	327	6	248	9	1,397	11	4,900	133
1911	1,030	16	584	21	470	14	87	5	90	9	9	5	170	9	222	13	86	5	495	12	84	10	194	9	3,521	128
1912	185	5	213	9	1,060	14	72	7	20	6	727	12	204	13	132	9	43	4	585	8	369	15	520	12	4,130	114

* Records of number of days of rain for 80 years only.

RAINFALL—*continued.*

RAINFALL AND NUMBER OF DAYS OF RAIN.*

100 points = 1 inch.

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year, Totals.	
	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.	Amount—Points.	Days.
1913	494	19	506	15	374	14	635	7	632	15	465	10	240	6	2	1	254	9	78	3	164	4	237	10	4,081	113
1914	390	10	320	15	775	17	42	3	360	9	400	14	203	11	29	7	81	11	247	15	59	7	493	15	3,399	134
1915	211	13	817	10	11	2	241	6	247	9	144	5	174	11	160	6	157	8	25	3	246	8	133	9	2,566	90
1916	233	12	1,521	13	138	11	895	16	100	5	279	9	200	9	173	9	281	12	331	12	617	10	510	13	5,278	131
1917	907	13	164	11	278	12	75	11	47	7	21	5	55	2	105	12	520	10	159	9	1,240	17	521	16	4,092	125
1918	770	21	224	11	307	20	170	14	250	12	20	3	17	3	123	11	197	5	114	7	215	7	88	7	2,495	121
1919	32	3	88	4	602	14	199	14	547	18	79	11	18	4	69	4	19	3	86	5	39	3	158	9	1,936	92
1920	1,186	13	103	7	180	7	199	13	202	12	323	10	219	14	116	5	343	11	216	11	628	14	257	5	3,972	122
1921	404	21	108	10	787	19	806	20	78	10	799	16	614	11	41	7	202	15	136	9	324	9	1,133	15	5,432	162
1922	362	11	755	21	202	10	27	4	205	11	185	8	468	9	17	4	338	11	211	8	353	5	460	10	3,583	112
1923	279	6	69	5	234	10	583	19	39	4	266	3	205	6	69	6	121	4	45	4	124	9	293	15	2,327	91
1924	227	9	926	14	345	10	267	4	131	7	480	7	533	12	135	12	116	8	163	7	629	14	156	8	4,108	112
1925	749	19	278	13	926	18	98	12	594	13	732	12	72	4	314	9	42	4	35	4	853	17	617	14	5,310	139
1926	301	12	118	3	193	11	236	10	127	9	532	12	85	5	41	5	241	12	87	6	173	3	948	18	3,082	106
1927	2,243	19	537	11	788	23	207	6	2	1	321	8	52	4	27	1	177	9	715	12	581	15	558	20	6,208	129
1928	615	19	1,613	26	214	14	1,490	17	182	13	222	10	72	7	105	6	78	2	130	7	290	9	256	10	5,267	140
1929	460	7	624	22	659	16	984	11	42	4	440	8	53	3	95	4	48	8	258	11	125	10	190	7	3,978	111
1930	994	23	181	13	285	20	225	9	797	15	758	16	125	9	176	7	95	3	197	12	95	8	194	7	4,122	142
1931	454	10	1,909	13	1,492	24	361	8	220	12	57	10	178	6	90	7	91	7	58	6	851	15	911	14	6,672	132
1932	306	3	70	7	146	8	536	15	166	11	60	6	27	5	38	3	300	12	297	11	284	9	249	7	2,479	97
1933	1,001	14	244	4	55	6	894	9	55	3	137	7	324	10	90	5	428	9	382	13	841	19	520	19	4,971	118
1934	326	9	1,616	10	82	10	633	16	239	13	76	4	511	9	126	4	133	6	134	8	568	12	982	16	5,426	117
1935	575	10	559	19	106	10	362	14	155	5	6	2	206	9	164	9	349	8	493	11	126	5	363	9	3,464	111
1936	573	15	127	15	596	15	21	6	114	11	190	8	131	8	10	2	84	5	16	4	135	4	180	8	2,177	101
1937	157	5	525	12	726	12	92	7	25	5	73	8	115	13	140	11	20	1	359	8	794	17	453	14	3,479	113
1938	770	16	562	7	424	15	101	8	1,181	11	86	8	143	12	121	6	99	4	345	8	476	13	41	2	4,349	110
1939	193	10	261	9	1,572	21	447	18	135	13	244	5	200	9	229	4	45	3	231	9	254	9	328	12	4,139	122
Average for 88 years	634	13	628	14	575	15	376	12	283	10	266	8	221	8	195	7	197	8	256	9	378	10	482	12	4,491	126 (80 yrs.)

* Records of number of days of rain for 80 years only.

RAINFALL—*continued.*

GREATEST RAINFALL IN 24 HOURS.

100 points = 1 inch.

	January.		February.		March.		April.		May.		June.		July.		August.		September		October.		November.		December.		Heaviest for Year.	
	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.	Amount—Points.	Date.
1861 ..	284	18	100	13	348	1	264	28	128	15	310	7	79	10	445	30	58	15	145	19	268	28	134	4	445	30th August
1862 ..	137	2	113	10	228	24	46	1	119	8	170	17	47	8	..	..	105	25	20	10	41	25	115	28	228	24th March
1863 ..	203	8	436	14	545	18	364	22	37	9	138	27	139	24	100	11	13	3	220	4	347	21	112	2	545	18th March
1864 ..	166	25	342	10	..	..	150	..	147	2	83	1	217	12	311	7	21	8	80	14	80	14	64	5	342	10th February
1865 ..															Details Lost.											
1866 ..															Details Lost.											
1867 ..	221	31	606	1	150	9	349	27	364	18	129	20	20	13	32	11	57	7	19	13	115	7	185	1	606	1st February
1868															Details Lost.											
1869 ..	362	21	145	3	194	20	233	7	21	19	190	17	30	29	..	..	53	25	70	6	175	24	86	30	362	21st January
1870 ..	190	16	104	10	965	9	80	8	206	12	126	19	315	15	53	15	30	23	235	13	366	18	110	4	965	9th March
1871 ..	459	23	279	25	264	30	218	24	58	10	55	18	197	6	26	9	131	22	95	6	148	25	660	28	660	28th December
1872 ..	180	7	126	28	141	11	12	25	24	24	107	11	160	8	66	18	52	17	70	11	90	7	455	30	455	30th December
1873 ..	243	11	260	28	217	31	68	16	15	31	410	18	41	28	139	9	50	4	98	21	148	7	265	25	410	18th June
1874 ..	200	13	63	26	120	5	200	22	83	7	82	13	231	31	2	22	43	27	52	6	80	25	130	12	231	31st July
1875 ..	300	19	748	24	190	18	61	10	172	27	69	5	218	12	30	4	85	1	64	29	65	11	98	8	748	24th February
1876 ..	104	23	158	19	70	16	240	13	300	28	79	26	354	15	20	17	101	29	98	19	84	17	239	25	354	15th July
1877 ..	190	23	105	23	32	25	101	29	57	15	44	12	41	7	21	30	54	29	60	2	258	19	78	28	258	19th November
1878 ..	172	4	315	21	109	25	29	5	236	10	28	24	18	11	155	1	94	28	130	27	195	3	410	14	410	14th December
1879 ..	238	27	53	3	152	6	135	11	562	9	390	24	143	25	484	28	133	6	60	28	130	20	126	12	562	9th May
1880 ..	97	29	293	22	82	1	208	27	14	26	2	14	29	16	92	12	92	12	243	26	267	7	194	10	293	22nd February
1881 ..	272	12	112	6	79	28	60	2	155	6	2	12	24	11	87	22	91	1	90	26	56	12	84	23	272	12th January
1882 ..	41	6	267	10	35	25	385	1	39	31	82	13	178	16	43	18	31	15	308	20	144	29	160	13	385	1st April
1883 ..	170	6	162	22	67	1	147	24	295	14	16	10	43	22	129	22	88	28	155	15	35	6	139	14	295	14th May
1884 ..	140	13	270	2	153	2	80	14	316	3	110	15	307	6	17	1	25	17	101	10	148	18	233	8	316	3rd May
1885 ..	76	28	280	17	49	6	23	4	62	8	73	{12} {13}	4	15	7	{14} {31}	26	17	78	25	100	20	182	16	280	17th February
1886 ..	307	16	125	25	155	12	41	22	153	28	159	11	268	28	106	29	148	25	117	11	446	16	50	25	446	16th November
1887 ..	1,831	21	114	17	191	24	82	17	90	30	11	11	328	13	489	12	102	12	122	31	119	18	144	26	1,831	21st January
1888 ..	75	24	305	26	15	24	67	5	61	21	17	6	1	18	37	14	154	15	26	17	156	28	148	14	305	26th February
1889 ..	43	21	94	23	111	25	294	17	64	7	50	6	354	16	168	3	160	21	195	20	186	23	128	7	354	16th July
1890 ..	288	23	162	23	338	7	386	23	42	3	32	16	16	19	38	1	196	21	73	24	97	10	176	18	386	23rd April
1891 ..	137	15	39	10	120	12	25	2	166	29	308	8	118	10	193	10	78	14	106	11	191	21	98	3	308	18th June
1892 ..	300	12	90	26	677	13	393	20	84	17	209	14	42	31	37	26	52	23	177	16	142	10	170	25	677	13th March
1893 ..	361	21	836	16	181	31	97	15	131	31	601	9	67	30	226	22	43	3	105	1	111	26	56	18	836	16th February
1894 ..	438	22	54	12	286	14	74	20	94	18	165	23	2	29	29	20	246	2	30	7	119	3	160	17	438	22nd January
1895 ..	574	26	172	10	24	10	213	8	77	25	0	..	28	18	52	13	99	25	119	4	257	17	236	24	574	26th January
1896 ..	199	29	397	9	117	20	26	9	98	20	21	7	119	18	15	22	32	23	78	31	156	2	111	3	397	9th February
1897 ..	81	3	95	16	294	1	4	1	54	31	62	19	229	25	97	21	134	28	135	14	154	1	302	28	302	28th December
1898 ..	437	10	366	20	518	20	49	28	210	1	72	2	19	8	105	31	57	11	95	2	190	27	274	18	518	20th March
1899 ..	254	11	73	7	24	10	86	11	128	27	146	18	187	9	35	22	43	26	58	21	81	16	205	28	254	11th January
1900 ..	377	8	354	13	79	29	86	1	166	22	96	21	180	21	57	14	45	16	7	22	142	17	16	4	377	8th January
1901 ..	192	21	134	21	409	10	240	21	93	2	106	8	52	6	158	25	73	29	98	10	32	17	47	17	409	10th March
1902 ..	71	27	78	8	54	27	5	20	34	2	4	25	14	5	40	31	52	28	159	11	83	30	56	10	159	11th October
1903 ..	54	12	181	15	90	20	56	20	426	31	23	26	285	14	137	7	179	14	117	5	124	5	63	9	426	31st May
1904 ..	120	24	52	24	283	30	166	3	84	14	31	12	89	28	19	7	75	26	34	21	89	26	118	18	283	30th March
1905 ..	433	15	148	13	125	29	140	3	55	2	14	22	19	1	34	26	121	29	82	14	178	29	526	7	526	7th December
1906 ..	241	9	377	28	102	12	31	5	221	23	65	17	18	30	195	30	101	29	97	25	33	13	75	21	377	28th February
1907 ..	73	20	133	8	201	12	12	15	283	31	100	28	20	27	34	18	6	26	32	25	106	17	80	19	283	31st May
1908 ..	49	13	207	12	1,118	14	81	12	112	19	6	21	25	5, 8	166	2	27	6	77	26	140	9	60	28	1,118	14th March
1909 ..	68	17	104	25	66	1	171	19	51	16	66	30	162	16	92	24	85	17	91	16	205	29	205	25	205	{29th November 25th December
1910 ..	311	13	262	13	120	16	36	9	18	7	404	2	20	5	14	10	74	7	97	21	130	12	439	12	439	12th December
1911 ..	290	12	93	13	120	27	51	17	48	11	3	20	124	15	54	29	67	24	130	19	61	28	106	3	290	12th January
1912 ..	136	6	72	9	438	3	36	18	6	4	223	25	65	3	40	15	29	19	150	21	79	24	165	12	438	3rd March
1913 ..	144	8	99	7	106	23	290	6	239	25	304	22	96	28	1	9	162	28	38	29	82	5	89	19	304	22nd June
1914 ..	155	14	221	20	129	24	32	3	184	10	90	7	121	20	7	9	33	19	89	17	31	27	166	23	221	20th February
1915 ..	77	2	552	10	10	6	141	15	64	3	119	9	65	9	73	25	58	22	18	16	103	27	55	16	552	10th February
1916 ..	91	16	363	4	38	6	447	13	60	6	96	2	134	20	70	11	109	25	103	19	276	4	215	1	447	13th April
1917 ..	295	24	100	4	71	9	27	5	12	12	8	3	53	31	21	28	138	18	52	8	272	27	191	13	295	24th January
1918 ..	169	12	68	11	76	4	65	8	66	9	14	9	9	25	47	6	67	13	32	26	167	21	52	18	169	12th January
1919 ..	15	15	70	20	234	28	45	10	141	22	23	4	9	7	50	26	12	3	43	22	30	16	55	3	234	28th March
1920 ..	367	21	29	12	84	3	43	2	102	9	235	13	59	4	78	1	134	18	98	24	314	17	80	7	367	21st January
1921 ..	79	16	28	18	103	8	308	7	21	10	423	10	295	23	16	31	32	6	36	2, 3	115	14	396	28	423	10th June
1922 ..	89	8	114	25	142	1	15	16	109	22	83	30	287	24	8	28	185	13	84	26	200	24	155	16	287	24th July
1923 ..	209	7	50	18	90	11	192	12	25	29	242	5	104	27	24	20	62	4	30	20	35	15	86	4	242	5th June
1924 ..	114	27	253	4	198	8	117	9	42	14	202	13	160	9	79	30	47	29	52	21	207	10	57	27	253	4th February
1925 ..	174	2	89	25	145	18	35	1	237	8	244	20	44	11	201	10	34	17	22	7	172	10	236	14	244	20th June
1926 ..	175	4	81	13	64	17	61	1	34	15	188	24	79	8	17	22	183	27	75	16	118	17	201	30	201	30th December
1927 ..	391	23	203	21	218	7	113	2	2	12	159	5	31	23	26	27	124	28	375	3	165	28	149	4	391	23rd January
1928 ..	114	7	448	15	64	2	497	19	41	29	97	26	36	25	87	8	75	2	87	19	248	24	116	24	497	19th April
1929 ..	102	20	143	18	219	1	399	4	25	31	380	30	49	29	62	12	33	30	86	10	30	11	68	20	399	4th April
1930 ..	422	24	59	17	81	21	68	13	411	10	344	1	71	4	63	24	71	19	98	1	45	8	156	18	422	24th January
1931 ..	225	31	1,061	6	596	6	96	26	48	9	26	25	96	6	43	10	40	18	47	4	213	19	285	9	1,061	6th February
1932 ..	291	13	19	3	75	30	119	11	85	26	33	12	16	7	21	7	188	17	99	9	175	19	126	22	291	13th January
1933 ..	309	20	188	17	26	30	546	5	48	25	55	8	99	25	44	22	210	30	157	2	303	7	95	26	546	5th April
1934 ..	169	4	448	1	52	27	182	5	68	10	45	25	269	29	72	25	74	30	42	12	185	15	283	21	448	1st February
1935 ..	103	31	170	20	33	1	83	19	35	27	5	6	61	9	43	25	113	27	160	19	91	23	142	5	170	20th February
1936 ..	165	18	29	8	162	1	10	16	32	13	88	24	80	4	8	18	45	8	6	6	75	20	59	28	165	18th January
1937 ..	101	13	153	19	202	16	44	2	10	12	36	12	33	22	52	27	20	2	193	29	176	8	98	6	292	16th March
1938 ..	213	19	458	1	79	31	26	11	318	26	34	24	58	5	60	25	41	24	146	25	152	30	32	9	458	1st July
1939 ..	68	28	120	27	499	15	70	18	51	17	192	17	75	4	223	3	36	28	110	24	109	10	124	27	499	15th March
Extremes for 76 years	1831	1887	1061	1931	1118	1908	546	1933	562	1879	423	1921	354	{1876 1889}	489	1887	246	1894	375	1927	446	1886	660	1871	1831	1887

RAINFALL—*continued.*

TABLE SHOWING SEASONAL RAINFALL TOTALS AT BRISBANE DURING PERIOD 1861 TO 1939.

Year.	SPRING. (Sept., Oct., Nov.)	SUMMER. (Dec., Jan., Feb.)	AUTUMN. (Mar., April, May.)	WINTER. (June, July, Aug.)
1861	913	1,700	2,212	1,919
1862	415	1,201	987	351
1863	1,530	2,551	2,198	699
1864	468	1,673	1,524	1,094
1865	449	1,347	141	673
1866	545	1,429	722	1,507
1867	351	2,901	2,962	563
1868	777	1,673	339	1,036
1869	847	1,270	2,145	674
1870	1,402	1,351	4,146	1,118
1871	908	1,792	858	506
1872	952	2,445	847	707
1873	768	2,153	1,322	1,822
1874	305	2,391	1,182	616
1875	732	3,652	1,656	829
1876	776	1,385	2,034	1,013
1877	930	1,234	633	319
1878	856	2,613	869	284
1879	880	2,260	2,109	2,241
1880	1708	1,819	1,357	101
1881	658	1,407	980	179
1882	1,246	941	808	674
1883	426	2,066	996	236
1884	780	841	1,721	773
1885	497	1,428	403	264
1886	1,712	1,906	781	1,351
1887	971	3,188	1,848	1,948
1888	650	1,977	391	103
1889	1,594	924	1,369	1,301
1890	876	2,464	3,327	174
1891	968	1,443	951	1,102
1892	1,143	1,167	3,379	596
1893	727	5,713	1,275	1,726
1894	796	1,364	1,544	333
1895	974	3,538	614	110
1896	965	3,311	410	440
1897	1,301	1,232	501	721
1898	640	3,519	1,825	493
1899	707	1,492	557	768
1900	414	1,930	1,020	783
1901	596	694	1,707	831
1902	731	480	140	159
1903	1,236	848	1,793	1,013
1904	522	561	1,834	260
1905	717	1,537	825	132
1906	836	2,505	853	581
1907	572	1,120	1,052	409
1908	469	1,443	2,305	377
1909	845	600	814	630
1910	849	1,788	804	706
1911	665	3,013	647	401
1912	997	592	1,152	1,063
1913	496	1,520	1,641	707
1914	387	947	1,177	632
1915	427	1,521	500	478
1916	1,228	1,887	1,134	652
1917	1,919	1,381	402	179
1918	527	1,514	723	161
1919	143	209	1,348	165
1920	1,187	1,448	581	659
1921	662	768	1,667	1,452
1922	898	2,250	432	667
1923	289	807	853	540
1924	908	1,445	743	1,148
1925	930	1,183	1,617	1,118
1926	501	1,036	556	658
1927	1,474	3,728	997	400
1928	497	2,785	1,885	399
1929	431	1,339	1,685	588
1930	387	1,365	1,308	1,058
1931	999	2,557	2,072	326
1932	882	1,287	848	124
1933	1,650	1,494	1,005	550
1934	835	2,462	954	713
1935	968	2,115	622	376
1936	235	1,063	731	331
1937	1,173	862	843	328
1938	920	1,785	1,706	350
1939	530	495	2,154	673
Average for 79 years	824	1,736	1,254	685

RAINFALL—*continued.*

* TABLE SHOWING RECORDS OF HEAVY RAINFALLS AT BRISBANE FROM MARCH, 1911, TO DECEMBER, 1939, INCLUSIVE. (100 POINTS = 1 INCH.)

Year.	Date.	Rainfall.	Duration.	Heaviest Fall. Time.	Amount.	Rate per Hour.
		Pts.			Pts.	Pts.
1911	Mar. 3	76	Showers, 2.30–11 p.m.	7.25–7.45 p.m. ..	38	114
	11	94	9.7–10.55 p.m. ..	9.7–9.22 p.m. ..	74	296
	25	} 172	Continuous light rain, 10.15 p.m., 25th, to 3.5 p.m., 27th (40 hrs. 50 mins.)	Between 1.22 p.m. and 6.30 p.m. 26th (78 points)	—	—
	26					
	27					
	May 11	48	2.30–3.40 a.m. (3 points), 6.25–8.50 a.m. (45 points)	6.27–6.55 a.m. ..	30	64
	July 14	} 124	Showers 9 a.m.–9 a.m.	6.17–6.28 a.m. ..	17	93
	15					
	Aug. 21	39	9.2. p.m.–9.40 p.m. ..	9.6–9.24 p.m. ..	36	120
	23	27	5.35–6 p.m. ..	5.35–5.43 p.m. ..	21	158
	28	51	Showers, 11.50 a.m.–4.40 p.m.	11.58 a.m.–12.10 p.m.	22	110
	Oct. 4	33	3.42–3.55 p.m. ..	3.42–3.55 p.m. ..	33	152
	9	34	10–11.40 p.m. ..	10.12–10.22 p.m. ..	15	90
	15	} 100	9.30 p.m., 15th–9 a.m., 16th	9.32–9.37 p.m. 15th	34	408
	16			8.47–8.51 a.m., 16th	18	270
	16	118	Showers, 9 a.m.–9.45 a.m. (3 points), 3–6 p.m. (115 points	3.23–3.30 p.m. ..	35	300
				3.40–3.53 p.m. ..	40	185
				5.20–5.30 p.m. ..	24	144
	18	} 130	Steady rain (17 hours) and light showers (7 hours) to 4.17 p.m.	10.25 a.m., 18th, to 3.30 a.m., 19th (steady rain)	128	7
	19					
	24	39	4–4.17 p.m. and 6.53–7.13 p.m.	4–4.14 p.m. ..	31	133
	Nov. 28	56	12.30 a.m.–7.40 a.m...	4.13–4.30 p.m. ..	22	78
	Dec. 2	106	7.50–10.20 p.m. ..	7.50–8.6. p.m. ..	71	266
	14	17	5.38–5.50 p.m. ..	5.38–5.41 p.m. ..	12	240
1912	Jan. 2	29	11.30 a.m–12.5 p.m.	11.30 a.m. – 11.54 a.m.	25	63
	6	136	2.35 a.m.–5.10 a.m. ..	2.45–3.2. a.m. ..	65	229
	Feb. 5	27	10.23 a.m.–12.15 p.m.	11.46–11.56 a.m. ..	14	84
	9	101	1.50–5.45 a.m. and 4.20–6.40 p.m.	2.13–4.25 a.m. ..	46	21
				4.35–4.42 p.m. ..	16	120
	14	18	2.30 p.m.–3.5 p.m. ..	2.30–2.42 p.m. ..	16	80
	Mar. 1	} 795	Heavy showers from 1.25 p.m., 1st, to 8.40 p.m., 3rd; but continuous steady rain from 11 p.m., 1st, to 9.20 a.m. 3rd	1.29–3.5 p.m. ..	39	390
	2			1.29–1.44 p.m., 1st	70	280
	3			5.17–5.40 a.m., 2nd	62	162
				9.38–9.50 a.m., 2nd	52	260
				12.5–1.6 p.m., 2nd	96	94
				10.36–10.43 a.m. 3rd	20	171
	15	92	Showers, 2.35 a.m.–1 p.m.	2.36–2.55 a.m. ..	53	167
	29	47	9 a.m.–9.53 a.m. (41 points), 9–9.10 p.m. (6 points)	9.33–9.52 a.m. ..	26	82
	June 8	62	Showers	8.2–8.17 p.m. ..	17	68
	10	86	Showers (80 points to 9.30 a.m.)	1.24–1.50 a.m. ..	23	53
	23	} 186	Almost continuous—2.20 p.m., 23rd, to 4 a.m., 24th (181 points)	9.52–10.8 p.m., 23rd	15	56
	24					
	June 24	} 223	Continuous — 12.10 p.m., 24th, to 12.10 a.m., 25th (221 points)	2.50–3.14 p.m. ..	20	50
	25					
	July 3	59	Showers to 8.30 a.m.	5.30–5.53 a.m. ..	21	55
	Aug. 14	} 46	Showers	2–2.17 p.m., 14th ..	18	64
	15					
	28	36	2.33–3.33 p.m. ..	2.35–2.44 p.m. ..	21	140
	Oct. 14	59	6.39–8.10 p.m. ..	6.39–6.57 p.m. ..	31	103
	21	150	2.50–9.35 p.m. ..	6.0–6.8 p.m. ..	17	128
	23	136	Showers, 11.53 a.m.–11.10 p.m.	6.34–7.12 p.m. ..	53	84
	26	} 178	Showers, 5.15 a.m., 26th, to 4.30 p.m., 27th	11.26–11.39 p.m., 26th	34	157
	27			2.49–3.28 p.m., 27th	50	77
	Nov. 8	54	3.23–4.10 p.m. ..	3.50–3.59 p.m. ..	46	307
	21	62	5.25–9.40 p.m. (61 points)	5.27–5.53 p.m. ..	40	92
	23	79	7.52–10.20 p.m. ..	7.52–8.13 p.m. ..	47	134
	25	68	2.39–3.20 p.m. ..	2.39–3.4 p.m. ..	66	158
	Dec. 7	} 62	12.7–1 p.m., 7th (26 points), 2.25–4.40 p.m., 8th (36 points)	2.37–2.52 a.m., 8th	30	120
	8					
	10	96	2.59–5.50 p.m. ..	2.59–3.13 p.m. ..	54	231
				4.31–4.35 p.m. ..	21	315
	11	165	1.49–3.5. p.m. ..	1.49–2.5 p.m. (for 2 minutes at rate of 15 inches per hour)	140	525
	14	} 86	2.23–3.5 p.m., 14th (70 points), 6.40–7.30 a.m., 15th (16 points)	2.45–3.1 p.m., 14th	63	236
	15					
1913	Jan. 1	56	5.12–8.4 a.m. ..	5.29–5.42 a.m. ..	25	115
	7	147	Continuous from 8.40 a.m.–10 p.m.	2.8–4.47 p.m. ..	45	18
	15	} 99	6 a.m., 15th, to 7 a.m., 16th (almost continuous)			
	16					
	30	21	2.57–3.30 p.m. ..	3.10–3.22 p.m. ..	15	75
1913	Feb. 6	} 99	10.58 a.m.–12.15 p.m., 6th (15 points), 0.10 a.m.–7.20 a.m., 7th (84 points)	0.59–1.8 a.m. ..	15	100
	7					
	9	} 87	Short showers, 11 a.m., 9th, to 1 a.m., 10th, averaging over 60 points per hour; light showers to 9 a.m., 10th	12.22–12.29 p.m. ..	11	94
	10					
	10	43	11.42 a.m.–12.40 p.m.	11.44–11.54 a.m. ..	25	150
	17	91	6.54–7.30 p.m. ..	6.55–7.22 p.m. ..	88	196
	Mar. 7	} 65	Showers, 4 p.m., 7th, to 5 a.m., 8th, 10.20 p.m., 7th, to 5 a.m., 8th (45 points)	3.58–4.9 p.m. ..	13	71
	8					
	12	52	8.47–11.30 p.m. ..	8.59–9.13 p.m. ..	21	90
	21	55	10.23 a.m.–1.40 p.m.	10.38–10.48 a.m. ..	11	66
	22	} 106	Sharp showers, 10.10 a.m.–4 p.m., 22nd (78 points), and 3.18–4.50 a.m., 23rd (28 points)	12.36–12.44 p.m., 22nd	33	248
	23			10.10–10.18 a.m., 22nd	18	135
				3.18–3.28 a.m., 23rd	22	132
	Apr. 2	25	3.10–3.40 p.m. ..	3.12–3.17 p.m. ..	19	228
	5	} 290	Continuous from 10.40 a.m., 5th, to 5.10 a.m., 6th	4.27–5.1 p.m., 5th	32	56
	6					
	9	} 145	Showers, 2.42 p.m., 9th, to 8.10 a.m., 10th	0.23–0.33 a.m. ..	42	252
	10					
	10	} 117	Short, sharp showers from 11.43 a.m., 10th, to 9 a.m., 11th	2.15–2.25 a.m. ..	23	138
	11					
	May 13	195	7.8 a.m.–4.20 p.m. ..	4.12–4.16 p.m. ..	18	270
	22	70	Showers, 7.10 a.m.–10.10 p.m.	11.45–11.53 a.m. ..	23	173
	24	} 239	Showers, 11 a.m., 24th, to 7.10 a.m., 25th	1.23–1.33 a.m., 25th	23	138
	25			10.6–10.19 p.m., 25th	26	120
	June 21	} 304	10.30 a.m., 21st to 7 a.m., 22nd	12.38 – 1.57 a.m., 22nd	103	78
	22					
	Sept. 27	} 127	4.58 p.m., 27th, to 6.50 a.m., 28th	.. .. ..	..	
	28					
	Oct. 25	33	10.15 p.m.–midnight..	10.15–10.30 p.m. ..	25	100
	Nov. 1	22	9.55–10.20 p.m. ..	9.57–10.2 p.m. ..	18	216
	4	82	12.2–12.15 p.m., (48 points), 1.30–1.45 p.m. (34 points)	12.2–12.8 p.m. ..	46	460
				1.30–1.38 p.m. ..	31	233
	21	20	8.38–8.55 p.m. ..	8.38–8.50 p.m. ..	19	95
	Dec. 12	69	8.52–10.30 p.m. ..	8.52–9.12 p.m. ..	52	156
	19	83	1.42–7.30 a.m. ..	2.12–2.19 a.m. ..	19	163
1914	Jan. 13	91	Continuous rain, 1.12–2.40 a.m	2.4–2.14 a.m. ..	34	204
	13	} 155	Showers, 8.20 p.m., 13th, to 2.10 a.m., 14th	11.5–11.26 p.m. ..	74	211
	14					
	27	61	Continuous rain, 8.5–10.30 p.m.	8.30–8.35 p.m. ..	24	288
	Feb. 19	} 244	Showers, 5.40 a.m., 19th, to 7.30 a.m., 20th	4.17–4.27 p.m., 19th	24	144
	20					
	28	108	Continuous rain, 8.4–11.25 p.m.	9.52–10.2 p.m. ..	43	258
	Mar. 7	47	7.55–8.40 a.m. ..	8.19–8.33 a.m. ..	41	176
	22	15	7.27–7.40 p.m. ..	7.27–7.34 p.m. ..	14	120
	23	} 190	10 p.m., 23rd, to 2.50 p.m., 24th (frequent showers)	10–10.13 p.m., 23rd	18	83
	24			0.13–0.20 a.m., 24th	13	111
				8.12–9.12 a.m., 24th	50	50
	25	32	4.17–6.40 p.m. ..	4.28–4.38 p.m. ..	19	114
	26	13	1.10–2.52 p.m. ..	1.10–1.15 p.m. ..	8	96
	27	} 93	8.20 p.m., 27th, to 7.10 a.m., 28th	0.53–1.8 a.m., 28th	28	112
	28			1.8–1.38 a.m. ..	35	70
	29	61	11 a.m.–2.10 p.m. ..	12.53–1.6 p.m. ..	43	198
	May 9	222	Showers, 7.25 a.m.–7 p.m.	7.25–8.52 a.m. ..	99	68
	Sept. 18	33	Showers, 1.37–3 p.m.	2.7–2.13 p.m. ..	10	100
	Dec. 16	59	Continuous rain, 5.26–8 p.m.	5.26–5.40 p.m. ..	48	206
	22	166	9.17–11 p.m., continuous rain	9.39–9.50 p.m. ..	50	273
1915	Feb. 9	} 588	Continuous rain, 4.30 a.m., 9th, to 3.10 a.m., 10th	5.24–5.30 a.m., 9th	12	120
	10			9.20 a.m.–9.20 p.m.	491	41
				3.55–4.5 p.m. ..	25	150
	23	81	2.55–3.20 p.m. ..	2.55–3.7 p.m. ..	78	390
	25	51	4.15–5.15 p.m. ..	4.15–4.30 p.m. ..	43	172
	Apl. 14	141	0.18–0.49 p.m. ..	0.18–0.40 p.m. ..	140	387
	May 2	56	Showers, 8.35 a.m.–3·5 p.m.	0.39–0.46 p.m. ..	23	192
	June 8	119	Sharp showers, 1.50–5.20 p.m.	4.20–4.42 p.m. ..	83	226
	19	15	6.18–6.22 p.m. ..	.. .. ..	15	225
	July 8	46	5.8–5.35 p.m. ..	5.12–5.19 p.m. ..	36	309
	Aug. 24	94	5 a.m.–8 p.m. ..	5.8–5.40 p.m. ..	25	47
	Sept. 7	22	Thunderstorm, 6.30–7 p.m.	6.37–6.41 p.m. ..	10	150

* Compiled from registrations made by the pluviometer installed at the Weather Bureau, Brisbane, in March, 1911.

RAINFALL—*continued.*

HEAVY RAINFALLS AT BRISBANE—*continued.*

Year.	Date.	Rainfall.	Duration.	Heaviest Fall. Time.	Heaviest Fall. Amount.	Heaviest Fall. Rate per Hour.
		Pts.			Pts.	Pts.
1915	Nov. 6	15	Thunderstorm, 4.43–4.52 p.m.	4.43–4.52 p.m. ..	15	100
	12	90	4.30–5.5. p.m., thunderstorm	4.37–4.51 p.m. ..	82	351
	26	103	7.25–10.40 p.m. ..	7.33–7.50 p.m. ..	57	201
1916	Jan. 15	91	8.30–9.50 p.m. ..	9.10–9.21 p.m. ..	36	196
	31	72	8.47–10.25 p.m. thunderstorm	9.20–9.40 p.m. ..	54	162
	Feb. 4	316	2.10–3.30 a.m.	2.20–3.12 a.m. ..	309	357
				2.23–2.40 a.m. ..	158	558
	4	162	8.30–9.20 p.m. ..	8.37–9.2 p.m. ..	144	346
	6	291	10.55 p.m.–12.30 a.m.	11.10–11.47 p.m. ..	273	443
	7			11.17–11.30 p.m. ..	151	697
				11.19–11.24 p.m. ..	69	828
	25	136	11.35 p.m.–7.40 a.m. showers	6.15–6.47 a.m. ..	116	218
	26			6.16–6.24 a.m. ..	37	278
				6.36–6.47 a.m. ..	55	300
	26	281	12.57 p.m.–8 a.m., showers	5–5.17 p.m. ..	68	240
	27			10.55–11.21 p.m. ..	59	136
				11.39–11.52 p.m. ..	57	263
	Mar. 16	30	11.30–11.50 p.m. ..	11.30–11.43 p.m. ..	29	134
	Apr. 2	12	3.41–3.44 p.m. ..	.. .. ..	12	240
	9	82	1.20–9 a.m., showers	1.22–1.32 a.m. ..	13	78
				4.25–4.29 a.m. ..	11	165
				5.57–6.8 a.m. ..	10	55
				8.44–8.48 a.m. ..	10	150
	12	434	9.15 a.m.–11 p.m., heavy showers	7.40–8.30 p.m. ..	210	252
	Sept. 19	16	9.29–9.42 a.m. ..	.. .. ..	15	82
	24	109	Noon, 24th, to 7.20 a.m., 25th, showers	12.26–12.34 p.m. ..	19	143
	25			4.27–5.2 p.m., 24th	27	46
	Nov. 3	276	8.27 p.m., 3rd, to 8.46 a.m., 4th (almost continuous)	8.27–8.29 p.m., 3rd	6	180
	4			8.54–9.2 p.m., 3rd	16	120
				10.10–10.19 p.m. ..	18	120
				10.22–10.30 p.m., 3rd	31	233
				10.32–10.39 p.m., 3rd	14	120
				0.36–0.40 a.m., 4th	10	150
				1.32–1.36 a.m., 4th	10	150
				2.42–2.53 a.m., 4th	20	109
	26	43	9.58–10.55 a.m. ..	10.8–10.22 a.m. ..	29	124
	30	213	9 a.m.–10.20 p.m. (showers almost continuous)	1.57–2.5 p.m. ..	11	83
				2.25–2.50 p.m. ..	26	62
				9.59–10.6 p.m. ..	10	86
	Dec. 2	35	7.10–7.30 p.m. ..	7.10–7.17 p.m. ..	27	231
	13	116	3.30–6.55 p.m. ..	4.40–4.53 p.m. ..	46	212
1917	Jan. 16	46	10.25–11.50 p.m. ..	11.39–11.43 p.m. ..	19	285
	23	292	4.50 p.m., 23rd, to 6.30 a.m., 24th	4.54–5.17 p.m., 23rd	105	274
	24			4.3–4.17 a.m., 24th	21	90
	27	213	5.10–midnight ..	5.44–6.5 p.m. ..	108	309
	Sept. 17	138	10.40 p.m., 17th, to 9 a.m., 18th	11.5–11.20 p.m. ..	25	100
	18			11.35–11.44 p.m., 17th	15	100
	Nov. 8	176	9.40 a.m.–6 p.m.	10.40 a.m.–4.24 p.m.	160	28
				11–11.17 a.m. ..	16	137
	14	61	5–6.20 a.m. ..	5.40–5.54 a.m. ..	31	133
	17	112	1.30–1.50 p.m., and 9.5–10.10 p.m.	1.33–1.40 p.m. ..	13	111
				9.5–9.24 p.m. ..	78	246
	22	208	10.45 a.m. to 10 p.m.	7.17–7.37 p.m. ..	31	93
				7.30–8.3 p.m. ..	76	138
				9.2–9.6 p.m. ..	7	105
	24	45	5.45–6.5 p.m. ..	.. .. ..	..	..
	26	272	Heavy showers 12.20–5 p.m.	12.20–1.3 p.m. ..	132	184
				12.47–1 p.m. ..	84	388
				4.22–4.38 p.m. ..	118	443
1918	Feb. 4	63	6.12–8.5 p.m. ..	6.12–6.18 p.m. ..	9½	95
	24	41	4.12–5 p.m. ..	4.22–4.32 p.m. ..	28	168
	Mar. 27	34	1–2 p.m.	1.2–1.7 p.m. ..	11	132
	Apr. 26	18	9.37–9.53 p.m. ..	.. .. ..	..	..
	June 9	14	4.2–4.20 p.m. ..	.. .. ..	..	..
	Sept. 23	21	7.23–7.55 p.m. ..	.. .. ..	..	..
	Nov. 21	164	4–5.20 p.m. ..	4.11–4.34 p.m. ..	120	325
1919	Feb. 19	70	3.15–3.45 p.m. ..	3.25–3.34 p.m. ..	62	413
	Mar. 27	214	8.27 p.m.–midnight ..	8.27–8.53 p.m. ..	140	323
	Apr. 28	17	5.53–6.5 p.m. ..	.. .. ..	..	..
	Nov. 30	32	11.15 p.m., 30th, to 0.30 a.m., 1st	11.18–11.24 p.m. ..	10	100
	Dec. 1					
1920	Jan. 20	358	9.50 a.m., 20th, to 9 a.m., 21st	10.25–10.42 a.m., 20th	25	88
	21					
	27	93	4.35–5.25 p.m. ..	4.36–4.48 p.m. ..	73	365
	Mar. 16	53	12.50–1.10 p.m. ..	.. .. ..	..	..
	Apr. 2	37	1.13–1.40 p.m. ..	1.26–1.32 p.m. ..	26	260
	June 12	235	9.50 p.m., 12th., to 9 a.m., 13th	1.30–1.53 a.m., 13th	68	177
	13					
	Sept. 3	59	9.28–10.30 p.m. ..	9.29–9.36 p.m. ..	27½	236
	Oct. 24	24	Severe hail and thunderstorm, 3.27–3.35 p.m.	3.27–3.32 p.m. (much heavier at Annerley)	23	276
	Nov. 16	314	4.20 p.m., 16th, to 9 a.m., 17th	4.24–4.48 p.m., 16th	80	200
	17			1.30–1.39 a.m., 17th	24	160
				3.3–3.14 a.m., 17th	31	169
				3.39–3.55 a.m., 17th	40	150
	Dec. 6	76	8 p.m.–midnight ..	8.18–8.25 p.m. ..	49	420
	7	32	12.22–12.55 p.m. ..	12.22–12.25 p.m. ..	10	200
	8	76	Showers, 2.30 p.m., 8th, to 5.40 a.m., 9th	2.30–2.33 p.m., 8th	10½	210
	9			5.1–5.8 p.m. ..	31½	270
	13	66	3.36–4.27 p.m. ..	3.48–3.57 p.m. ..	40	267
1921	Feb. 17	28	10.33–11.2 p.m. ..	10.48–10.54 p.m. ..	18	180
	Mar. 27	101	3.55–7.15 a.m. ..	4.24–4.30 a.m. ..	28	280
	Apr. 6	308	9 a.m.–9 p.m. ..	10.55 a.m.–4.20 p.m.	223	41
	7	30	9.35–10.10 p.m. ..	9.35–9.41 p.m. ..	23	230

Year.	Date.	Rainfall.	Duration.	Heaviest Fall. Time.	Heaviest Fall. Amount.	Heaviest Fall. Rate per Hour.
		Pts.			Pts.	Pts.
1921	Apr. 27	95½	10.25 a.m.–2.40 p.m.	1.37–1.46 p.m. ..	36	240
				2.14–2.27 p.m. ..	28	129
	June 9	351	6.40 p.m., 9th, to 4 a.m., 10th	7.22–7.37 p.m., 9th	75	300
	10			7.18–8.14 p.m., 9th	153	164
				11.18–11.24 p.m., 9th	16	160
				1.2–1.54 a.m., 10th	66½	77
	25	62½	7.20–8.40 p.m. ..	8.4–8.15 p.m. ..	29	158
	July 1	194½	12.30–1.20 a.m., and 3.50–2.40 p.m.	12.53–12.59 p.m. ..	13½	135
				10.6–10.15 a.m. ..	23	153
				11.54–12.38 p.m. ..	38	51
	22	295½	Continuous rain, 9 a.m. to 8 p.m.	11–11.3 p.m. ..	11	220
	Oct. 2	27	12.54–1.12 p.m. ..	.. .. ..	..	..
	Nov. 21	72½	4.10–5.30 p.m. ..	4.15–4.23 p.m. ..	26½	199
	Dec. 2	113	7.28–8.56 p.m., continuous rain	7.28–7.46 p.m. ..	79	263
				8.30–8.33 p.m. ..	15	300
	9	81½	10.5–11.10 p.m. ..	10.34–10.51 p.m. ..	45	159
	25	112½	12.10–1.47 p.m. ..	12.50–12.56 p.m. ..	38½	385
	27	239	5.30 a.m.–7.10 p.m.	10.4–11.54 a.m. ..	125½	68
				10.58–11 a.m. ..	19	585
	28	179	12.5–5.10 a.m.	2.10–3.40 a.m. ..	141	94
				2.33–2.46 a.m. ..	48	221
	28	120	7.20 a.m.–11.40 p.m.	10.37–10.42 p.m. ..	7½	90
1922	Jan. 7	89	2.57–3.30 p.m. ..	2.57–3.8 p.m. ..	78	425
	10	81	4.35–5.25 p.m. ..	4.50–5.6 p.m. ..	58	217
	24	34½	4–4.40 p.m. ..	4.24–4.28 p.m. ..	7	105
	Feb. 19	13	11.42–11.53 a.m. ..	11.47–11.52 a.m. ..	9½	114
	24	96	7.26–10.30 p.m.	7.26–7.34 p.m. ..	18	135
				10.9–10.14 p.m. ..	10½	126
	28	120	4–6.10 p.m.	4.42–4.44 p.m. ..	17½	525
				4.23–4.59 p.m. ..	90	150
	July 8	160½	4.33 a.m.–midnight ..	4.33–4.36 a.m. ..	7	140
	23	288	Continuous rain, 2.20 p.m., 23rd, to 9.30 a.m., 24th	12.12–12.20 a.m. ..	20	150
	24			2.8–2.11 a.m. ..	11½	230
				10.40 p.m.–2.50 a.m.	196	47
	Sept. 4	..	.. .. ..	3.15–3.18 p.m. ..	4	80
	7	49	9.50–10.30 p.m. ..	9.55–10.3 p.m. ..	31	232
	8	33	2.50–3.7 p.m. ..	2.53–2.57 p.m. ..	18	270
	12	159½	4–4.30 p.m. (thunderstorm)	4.30–4.30 p.m. ..	113	521
				4.44–4.48 p.m. ..	19	292
	Oct. 1	45	6.32–7.4 p.m. (thunderstorm)	6.34–6.39 p.m. ..	34	408
	25	84	Thunderstorm ..	8.43–8.45 p.m. ..	16	320
	Nov. 16	95	8.2 – 10.38 p.m. (thunderstorm)	8.20–8.30 p.m. ..	35	210
	23	34	1.42 – 3.52 a.m. (thunderstorm)	2.15–2.18 a.m. ..	7	140
	23	200½	7.45–10.35 p.m. ..	8.32–8.38 p.m. ..	21	210
	Dec. 12	39	Thunderstorm, 7.35–10.5 p.m.	7.48–8 p.m. ..	22	110
	15	154½	Thundershowers, 10.48–11.34 a.m., and 4.55–5.57 p.m.	10.57–11.4 a.m. ..	34	291
				5–5.7 p.m. ..	39½	339
	17	63½	4.24 p.m.–midnight	8.4–8.10 p.m. ..	6	60
				9.1–9.3 p.m. ..	4	135
	26	50½	Thunderstorms, 11.13–11.50 a.m., 5–6.30 p.m.	5.13–5.17 p.m. ..	10	157
1923	Jan. 6	209	Thunderstorm, 1.36–5.30 p.m.	1.45–1.57 p.m. ..	122	610
	18	8½	Thunderstorm, 5.40–7 p.m.	5.40–5.43 p.m. ..	4	80
	26	58	Thunderstorm, 0.26–1.50 a.m.	0.43–0.46 a.m. ..	13	260
	Feb. 18	31½	Thundershowers between 1–2 a.m.	1.17–1.23 a.m. ..	17½	175
	Mar. 2	55½	Thunderstorms between 5–8.30 a.m., and 5.35–10.30 p.m.	5.12–5.18 a.m. ..	11	110
	26	..	.. .. ..	1.55–1.58 p.m. ..	9	180
	Apr. 11	181½	Almost continuous moderate to heavy rain, 6 a.m.–8.10 p.m.	4–4.2 p.m. ..	4½	135
				7.39–7.41 p.m. ..	13	195
	17	..	.. .. ..	2.50–2.54 a.m. ..	6½	97
	May 28	25	Heavy shower, 10.57–11.50 p.m.	11.34–11.50 p.m. ..	4	120
	June 4	..	.. .. ..	0.53–0.55 a.m. ..	4½	135
	4	..	Almost continuous moderate to heavy rain, 9.25 a.m.–9.30 p.m.	10.5–10.17 a.m. ..	35½	177½
				5.53–5.57 p.m. ..	8	120
	July 1	..	Heavy thundershower, 8–9.50 p.m.	8–8.4 p.m. ..	9	135
	26	147½	Continuous moderately heavy rain from 10.10 p.m., 26th, to about noon 27th	11.2–11.9 p.m. ..	5½	47
	27			1.4–2.16 a.m. ..	26	22
	Sept. 4	37	6–9.10 a.m.	6.15–6.18 a.m. ..	4	80
				6.26–6.30 a.m. ..	5½	82½
	28	..	.. .. ..	0.10–0.14 a.m. ..	5½	82½
	Nov. 14	..	Heavy thunderstorm, 4.15–5.30 p.m.	4.25–4.27 p.m. ..	7½	225
	18	..	.. .. ..	1.23–1.25 a.m. ..	8½	255
	Dec. 3	..	Thunderstorm, continuous heavy rain, 6.25–9.30 p.m.	6.40–6.47 p.m. ..	21½	184
	13	..	.. .. ..	4.33–4.36 a.m. ..	10½	210
	26	..	.. .. ..	9.57–10.2 p.m. ..	20	240
1924	Jan. 26	..	.. .. ..	2.53–3 p.m. ..	45½	390
				2.35–2.46 p.m. ..	51	278
	30	..	.. .. ..	12.40–12.42 p.m. ..	4	120

RAINFALL—*continued.*

HEAVY RAINFALLS IN BRISBANE—*continued.*

Year.	Date.	Rainfall.	Duration.	Heaviest Fall. Time.	Amount.	Rate per Hour.
		Pts.			Pts.	Pts.
1924	Jan. 31	35	9.15 p.m.–midnight ..	9.49–9.55 p.m. ..	7	70
	Feb. 4	352½	Continuous heavy rain from 7–11.20 a.m.	7.58–8.10 a.m. ..	79	395
				10.4–10.8 a.m. ..	17	255
	7	89	Thunderstorms, 4.50–5.35 p.m. and 7–7.40 p.m.	7.8–7.15 p.m. ..	18	154
	10	105½	Thunderstorm, 6.50–10.30 p.m.	7.13–7.16 p.m. ..	14½	290
	11	89½	Thunderstorm, 7.50–9 p.m.	7.58–8.2 p.m. ..	21	315
				7.55–8.10 p.m. ..	61	244
	15	38½	Showers between 2–6 a.m.	2.54–2.57 a.m. ..	10	200
		115	Almost continuous rain 9.55 a.m.–10.55 p.m.	8.10–8.13 p.m. ..	5	100
	29	11½	Smart thundershower, 11.30–11.45 a.m.	11.30–11.33 a.m. ..	10	200
	Mar. 6	14½	Sharp thundershower, 4.15–5 a.m.	4.20–4.22 a.m. ..	4	120
	7	25½	Heavy shower, 1.20–2 a.m.	1.42–1.46 a.m. ..	12½	187½
		100	11.15 a.m.–3.10 p.m.	12.7–12.12 p.m. ..	8½	102
	24	33	Thunderstorm, 2.55–3.40 p.m.	3.13–3.16 p.m. ..	7	140
	Apr. 3	52½	Thunderstorm, 0.10–0.50 a.m.	0.14–0.20 a.m. ..	45½	455
	8	109	Moderate to heavy rain, continuous, 4.45–10 p.m.	6.17–6.20 p.m. ..	5½	110
	9	21	8.20–10 p.m. ..	8.52–8.53 p.m. ..	4	240
	June 2	122	10.15–11.45 p.m., heavy thundershower	10.15–10.27 p.m. ..	50	250
	10	115	Continuous rain, 9.30 p.m., 10th, to 4.50 p.m., 11th	0.10–0.15 a.m. ..	9½	114
	11					
	12	200½	Continuous rain, 2.55 p.m.–midnight	5.47–5.50 p.m. ..	7	140
	July 8	101	4.10 p.m.–midnight ..	4.14–4.17 p.m. ..	10½	210
	9	23	Heavy showers between 8.10–9.50 p.m.	9.15–9.18 p.m. ..	5½	110
	21	85	6–11.30 p.m. ..	9–9.10 p.m. ..	6½	39
	Aug. 29	79½	5.50–10 p.m. ..	6.20–6.30 p.m. ..	25	150
	Nov. 5	39	1.30–5.20 p.m. ..	3.27–3.32 p.m. ..	5	60
	6	30	5.55–8.5 p.m. ..	6.8–6.11 p.m. ..	6	120
	9	206½	6.20–8 p.m. ..	6.25–6.45 p.m. ..	170	510
	12	22½	6.10–7 p.m. ..	6.42–6.45 p.m. ..	8	160
	18	53½	8.40–10.30 p.m. ..	9.53–9.57 p.m. ..	21	315
	23	64	5.25–6 p.m. ..	5.25–5.34 p.m. ..	54½	363
	Dec. 2	35½	3.50–4.5 p.m. ..	4–4.2 p.m. ..	12	360
	27	56½	0.7–1.45 a.m. ..	0.17–0.19 a.m. ..	9½	285
	30	9	3.19–3.40 p.m. ..	3.19–3.23 p.m. ..	6	90
1925	Jan. 1	170	10.5 p.m., 1st, 1.40 a.m., 2nd	10.15–10.22 p.m. ..	69½	596
	4	77½	3.40–7.30 p.m. ..	4.20–4.25 p.m. ..	14	168
	7	25½	7.56–8.30 p.m. ..	7.59–8.3 p.m. ..	10½	157½
	14	12½	4.49–5.30 p.m. ..	4.49–4.52 p.m. ..	5	100
	20	8	5.44–5.50 p.m. ..	5.45–5.47 p.m. ..	7	210
	21	119½	11.40 a.m.–8.20 p.m.	4.30–4.34 p.m. ..	10	150
	23	74½	4.20–6.20 p.m. ..	5.7–5.10 p.m. ..	13½	270
	Feb. 6	1½	12.25–1.30 p.m. ..	12.54–12.57 p.m. ..	7	140
	11	87	7.7–8.20 p.m. ..	7.32–7.47 p.m. ..	43	172
	24	79	9.40–10.50 a.m.	9.50–9.55 a.m. ..	21½	258
				10.14–10.18 a.m. ..	16	240
	Mar. 4	92	6.45 p.m.–midnight ..	6.52–6.54 p.m. ..	5½	165
	7	35½	5.5–6 p.m.	5.16–5.18 p.m. ..	15	450
	11	68½	2.8–3.10 a.m. ..	2.47–2.57 a.m. ..	22½	135
	17	255	3.5 a.m.–8 p.m.	3.32–3.37 a.m. ..	10½	126
				12.48–12.50 p.m. ..	4½	135
	20	6	10.35–10.55 a.m. ..	10.37–10.40 a.m. ..	5	100
	30	21	3.35–5 p.m. ..	3.38–3.44 p.m. ..	11½	115
	31	14	4.10–4.55 p.m. ..	4.13–4.16 p.m. ..	9	180
	May 6	47	11.15 a.m.–3.20 p.m.	11.20–11.24 a.m. ..	10	150
	7	232	5.53 a.m.–8.45 p.m. ..	5.53–6.1 a.m. ..	13½	101
	June 18	80½	4.45–11 p.m. ..	6.53–6.58 p.m. ..	21	252
	19	228½	8.30 a.m.–11.25 p.m.	8.55–8.58 a.m. ..	13	260
	20	63½	5.10–7.20 p.m. ..	5.53–5.58 p.m. ..	10½	126
	21	13	2.36–3 p.m. ..	2.40–2.42 p.m. ..	9	270
	Aug. 9	202½	8.30 a.m., 9th, to 2.40 a.m., 10th	7.38–7.50 p.m. ..	16	80
	21	35	7.15–8.45 p.m. ..	7.19–7.26 p.m. ..	25	214
	Sept. 16	27½	3.20–4 p.m. ..	3.20–3.24 p.m. ..	23½	362½
	Nov. 1	81½	8.35 p.m.–midnight ..	9.25–9.33 p.m. ..	12	90
	6	65	8.56 p.m.–midnight ..	9.15–9.24 p.m. ..	9½	63
	8	100	11.20 a.m.–2.23 p.m.	11.55 a.m.–12.10 p.m.	50	200
	9	98½	7.24–11 p.m. ..	7.37–7.43 p.m. ..	28	280
	10	28	1.10–2 a.m. ..	9.35–9.42 a.m. ..	39½	339
		89	8.15–11 a.m. ..	.. .. ..	..	..
	17	61	3.17–6 a.m. ..	4–4.3 a.m. ..	5½	110
	22	37	11–11.30 p.m. ..	11–11.2 p.m. ..	14	420
	23	45½	10.30–11.30 a.m. ..	11.7–11.12 a.m. ..	15	180
	Dec. 13	183½	5.30 p.m.–midnight ..	5.47–5.50 p.m. ..	13½	270
	14	126	6.7–9.30 p.m. ..	7.10–7.18 p.m. ..	27	203
	30	141½	10.25 a.m.–5 p.m. ..	12.30–12.34 p.m. ..	14	210
1926	Jan. 7	32	12.25–12.40 p.m. ..	12.30–12.34 p.m. ..	24½	352½
	Feb. 12	81	9.45–10.35 a.m. ..	10.5–10.11 a.m. ..	27	270
	14	25½	9.55–10.10 p.m. ..	10.6–10.10 p.m. ..	18	270
	Mar. 17	46½	0.45–2 a.m. ..	1.38–1.47 a.m. ..	15	100
	18	41	9.40–10.40 a.m. ..	9.57–10.4 a.m. ..	26	223
	Apr. 12	38	4.15–5.20 p.m. ..	4.27–4.32 p.m. ..	15½	186
	May 31	36½	3.40–5.5. p.m. ..	3.51–3.55 p.m. ..	15	225
	June 6	154	8.15 p.m., 6th, to 3 a.m., 7th	9–9.3 p.m. ..	17½	350
	7					

Year.	Date.	Rainfall.	Duration.	Heaviest Fall. Time.	Amount.	Rate per Hour.
		Pts.			Pts.	Pts.
1926	July 7	78½	3.20–5.10 p.m. ..	3.50–4 p.m. ..	61	366
	Sept. 24	..	.. .. ..	10.32–10.35 p.m. ..	6½	130
	Nov. 2	47	8.15–10 p.m. ..	8.20–8.27 p.m. ..	15	129
	16	118½	8–10.30 p.m. ..	8.8–8.24 p.m. ..	69	259
	Dec. 14	105½	8.15–10.50 a.m.	8.34–8.37 a.m. ..	11	220
				9.15–9.25 a.m. ..	18½	111
	17	31½	1.36–3.36 a.m. ..	1.36–1.40 a.m. ..	10	150
		48	10.40–11.40 a.m. ..	11.20–11.22 a.m. ..	10	300
	20	83½	Noon–1.50 p.m. ..	12.8–12.14 p.m. ..	22½	225
1927	Jan. 4	249½	2–6 p.m.	4.28–4.37 p.m. ..	37½	250
	9	96½	10.50–noon ..	11–11.15 a.m. ..	54½	218
		23	1.10–2.10 p.m. ..	1.53–1.56 p.m. ..	14	280
	18	306½	3.45–11.40 a.m.	9–9.2 a.m. ..	24	720
				9–9.50 a.m. ..	130	156
	19	26½	8.30–9 a.m. ..	8.35–8.38 a.m. ..	14½	290
	22	382	5–11 p.m.	7–7.7 p.m. ..	50½	433
	Feb. 1	201	10.5 a.m.–4.40 p.m. ..	11.10–11.15 a.m. ..	18	216
	20	53½	11 p.m., 20th, to 12.30 a.m., 21st	11.32–11.35 p.m. ..	11	220
	21	132½	2.35–5.20 a.m. ..	3.2–3.14 a.m. ..	37	185
	Mar. 6	109½	4.40–5.20 p.m. ..	4.45–4.55 p.m. ..	52	312
	7	101	0.40–3.25 a.m. ..	1.44–1.54 a.m. ..	35	210
	22	25	7.20–8 p.m. ..	7.33–7.38 p.m. ..	14½	174
	31	..	.. .. ..	10.37–10.40 p.m. ..	12	240
	Sept. 27	46	6.5–7.50 p.m. ..	6.35–6.37 p.m. ..	4	120
	Oct. 2	120	5–6 p.m.	5–5.20 p.m. ..	116	448
		239	7.25 p.m.–midnight ..	7.35–7.45 p.m. ..	39½	237
	11	79½	7.30–11.40 p.m. ..	8.15–8.17 p.m. ..	15	450
	13	36	1.50–2.55 p.m. ..	1.54–1.56 p.m. ..	15½	465
	Nov. 10	23	11.12–11.57 a.m. ..	11.12–11.15 a.m. ..	12½	250
	13	43½	7.4–7.52 p.m.	7.4–7.10 p.m. ..	35½	355
				7.4–7.7 p.m. ..	22	440
	28	110½	4.35 p.m.–midnight ..	4.53–5 p.m. ..	26½	227
	Dec. 3	118½	10.23 p.m., 3rd, to 2 a.m., 4th	10.33–10.50 p.m. ..	66	233
	4					
1928	Jan. 6	106½	10.37–11.30 p.m. ..	10.50–10.55 p.m. ..	40	480
	7	28	10.55–11.35 a.m. ..	11–11.5 a.m. ..	17½	210
	8	66	5.10–6.30 p.m. ..	5.48–5.52 p.m. ..	30½	448
	9	18½	9.15–10.10 p.m. ..	9.18–9.22 p.m. ..	12½	187½
	24	92	9.15–11.30 p.m. ..	9.35–9.45 p.m. ..	50	300
	Feb. 2	23½	10.35–11.30 p.m. ..	10.35–10.40 p.m. ..	20	240
	14	431	6 p.m.–midnight ..	6.33–6.53 p.m. ..	124½	373½
	Mar. 2	57	3.44–6.10 a.m. ..	5.30–5.32 a.m. ..	5½	165
	31	26	1.57–2.20 p.m. ..	1.57–2.4 p.m. ..	25	214
	Apr. 17					
	18	939½	10.20 p.m., 17th, to 3.40 a.m., 19th	2.42–3.2. a.m., 18th	55½	166½
	Sept. 1	26	9.30–11 p.m. ..	10.20–10.26 p.m. ..	16½	165
	Nov. 23	160	1.10–2.30 p.m. ..	1.37–1.52 p.m. ..	90	360
		87½	2.40–3.50 p.m. ..			
	Dec. 23	116	8.5 p.m.–midnight ..	8.25–8.28 p.m. ..	23½	470
1929	Jan. 10	54½	8.29–9.22 p.m. ..	8.29–8.31 p.m. ..	7	210
	11	62	2.10–2.50 p.m. ..	2.18–2.23 p.m. ..	25	300
	Feb. 9	136½	0.45–2.30 a.m. ..	1.43–1.53 a.m. ..	48½	291
	17	128	10.15 p.m., 17th, to 1.30 a.m., 18th	10.30–10.42 p.m. ..	35	175
	18					
	19	112½	7.5–10.5 p.m. ..	7.40–8 p.m. ..	80	240
	Mar. 16	73	9.20–10.20 p.m. ..	9.28–9.32 p.m. ..	34	510
	17	78½	3.35–6.35 p.m. ..	3.40–3.52 p.m. ..	46	230
	25	88½	5.45–9 p.m. ..	5.52–6 p.m. ..	20	150
	Apr. 2					
	3	538	5.30 p.m., 2nd, to 2 a.m., 4th	2.40–2.45 p.m., 3rd	51½	618
	4					
	14	73	2.58–3.20 p.m. ..	2.58–3.10 p.m. ..	66	330
	25	51	2.20–3.25 p.m. ..	3–3.4 p.m. ..	9½	142½
	June 29	378½	6.50 p.m., 29th, to 7.10 a.m., 30th	0.36–0.40 a.m., 30th	15½	232½
	30					
	Aug. 11	49½	8.10–8.55 p.m. ..	8.35–8.40 p.m. ..	21	252
	Sept. 29	33½	5.40–6.5 p.m. ..	5.58–6.3 p.m. ..	19	228
	Oct. 12	26	12.34–1.15 p.m. ..	12.40–12.44 p.m. ..	13½	202½
	19	30½	4.55–5.20 p.m. ..	4.57–5.3 p.m. ..	21	210
	Dec. 19	62½	4.5–7.10 p.m. ..	5.3–5.7 p.m. ..	12	180
1930	Jan. 22	125½	3.40–4.40 a.m. ..	4–4.8 a.m. ..	53	399
	24	152	1.20 a.m. to 1.25 p.m.	1.40–1.43 a.m. ..	13	260
				11.23–11.28 a.m. ..	28	336
	Mar. 19	34	11 p.m., 19th, to 0.10 a.m., 20th	11.3–11.10 p.m., 19th	24	206
	20					
	Apr. 12	68	7.30–11 p.m. ..	8.2–8.7 p.m. ..	23	276
	May 9	398	3.30 p.m., 9th, to 5.30 a.m., 10th	0.30–0.37 a.m. ..	47	403
	10					
	31	438½	10.30 a.m., 31st, to 4.10 a.m., 1st	8–9.40 p.m. ..	143½	86
	June 1			12.57–1 p.m. ..	10½	210
	15	57	7.50 a.m.–1 p.m. ..	10.20–10.25 a.m. ..	14	168
	Sept. 18	63½	5–8 p.m.	6.43–6.52 p.m. ..	16½	110
	30	96½	5.30–8 p.m.	5.35–5.40 p.m. ..	47	564
	Oct. 11	18½	11.53 a.m.–12.13 p.m.	11.55 a.m.–12.1 p.m.	18	180
	Dec. 17	119½	10.25 p.m., 17th, to 1.20 a.m., 18th	10.45–10.50 p.m. ..	25	300
	18			10.38–11.3 p.m. ..	82	197
1931	Feb. 4			4–4.8 a.m., 6th ..	28½	214
	5	1545	Noon, 4th, 7.40 a.m., 6th	5.57–6.1 p.m., 5th	13½	203
	6			1.28–3.43 p.m., 5th	257	114
	Mar. 3	101½	9–11.20 a.m. ..	10.54–11 a.m. ..	25	250
	3	37	2.10–2.30 p.m. ..	2.15–2.20 p.m. ..	23½	282
	5	594½	1.25 p.m., 5th, to 9 a.m., 6th	6.30–6.37 a.m., 6th	27½	236
	6					
	6	74½	9.40–10.20 p.m. ..	9.52–9.58 p.m. ..	35½	355
	9	133	8.50–10 p.m. ..	9.8–9.22 p.m. ..	72½	311
	Apr. 2	93	4.55–11 p.m. ..	4.57–4.59 p.m. ..	10½	315
	17	47	5.35–8.10 p.m. ..	5.37–5.40 p.m. ..	10½	210
	Oct. 31	87½	6.18–10.20 p.m. ..	6.18–6.21 p.m. ..	14½	290

RAINFALL—*continued.*

HEAVY RAINFALLS AT BRISBANE—*continued.*

Year.	Date.	Rainfall.	Duration.	Heaviest Fall.		
				Time.	Amount.	Rate per Hour.
		Pts.			Pts.	Pts.
1931	Nov. 19	84½	11.45 a.m.–12.32 p.m.	11.58 a.m.–Noon ..	20½	615
	19	85½	1.28–2.3 p.m. ..	1.42–1.52 p.m. ..	78½	471
	30	93	11.50 a.m.–5.40 p.m.	11.50–11.55 a.m. ..	18	216
	Dec. 8	266	9 p.m.–12 midnight ..	10.48–10.54 p.m. ..	61	610
	9	99	5–7.15 p.m. ..	5.10–5.17 p.m. ..	31½	270
	10	70	5.50–6.25 p.m. ..	5.58–6.2 p.m. ..	41	615
	22	103	2.45–4.15 p.m. ..	3.43–3.50 p.m. ..	47½	407
1932	Jan. 12	289	10.5–11.10 p.m. ..	10.8–10.26 p.m. ..	195½	652
	March 29	74½	5–6.40 p.m. ..	5.1–5.8 p.m. ..	49	420
	April 3	53	0.20–1 a.m. ..	0.40–0.44 a.m. ..	16	240
	7	58½	7.55–9 a.m. ..	8.10–8.14 a.m. ..	26½	397½
	May 26	54	4.50–5.30 a.m. ..	5.5–5.10 a.m. ..	17	204
	Oct. 8	88½	8.50–9.40 p.m. ..	9.13–9.17 p.m. ..	18½	277½
	Nov. 18	166	10.20 p.m.–12 midnight	10.30–10.40 p.m. ..	33	198
1933	Jan. 5	60½	7.45–8.55 p.m. ..	7.50–8 p.m. ..	49½	297
	13	118	8.12–11 p.m. ..	8.40–9 p.m. ..	82	246
	19	293	7.30 p.m., 19th, to 2.20 a.m., 20th	8.45–8.55 p.m. ..	51	306
	20			11.10–11.25 p.m. ..	100	400
				10.45–11.26 p.m.	183½	268½
	22	70½	1.15–2 a.m. ..	1.15–1.30 a.m. ..	50	200
	28	99	10–11 p.m. ..	10.7–10.16 p.m. ..	51	340
	April 5	254	7–10.30 a.m. ..	8.6–8.12 a.m. ..	17	170
	Oct. 1	153	12.30 p.m., 1st, to 0.40 a.m., 2nd	11.33–11.43 p.m. ..	51½	309
	2					
	26	50½	2.15–2.55 p.m. ..	2.15–2.21 p.m. ..	32½	325
	Nov. 7	213½	2.26–4 a.m. ..	3.8–3.18 a.m. ..	60	360
	9	48	2.40–9.30 p.m. ..	4.15–4.23 p.m. ..	15½	116
	25	58	12.25–1.5 p.m. ..	12.33–12.48 p.m. ..	50½	202
	Dec. 14	70	5.40–7.40 p.m. ..	5.50–6 p.m. ..	34	204
1934	Jan. 3	169	9.30 p.m., 3rd, to 9 a.m., 4th	4.28–4.33 a.m. ..	27	324
	4					
	31	782	9 a.m., 31st, to 11 p.m., 1st	2.27–2.40 a.m. ..	42	194
	Feb. 1					
	17	114	12.30–5.30 p.m. ..	3.58–4 p.m. ..	29½	253
	April 6	52	8–8.30 a.m. ..	8.7–8.14 a.m. ..	21	180
	July 28	272½	5 a.m.–12 midnight ..	9.20–10.10 p.m. ..	47	56½
				10–10.10 p.m. ..	13	78
	Aug. 10	43	7.30–11.10 p.m. ..	7.40–7.45 p.m. ..	14½	174
	24	70	4.15–5.20 p.m. ..	4.20–4.28 p.m. ..	49	367½
	Sept. 29	41	7.10–8.40 p.m. ..	8.12–8.15 p.m. ..	25½	510
	Nov. 14	64½	2.50–3.20 p.m. ..	2.55–3.2 p.m. ..	45	386
	15	45	3.35–4 p.m. ..	3.42–3.52 p.m. ..	30	180
	Dec. 6	54	11.30 a.m.–1 p.m. ..	11.41–11.48 a.m. ..	29	249
	10	273	1.56–7 p.m. ..	1.3–1.30 p.m. ..	124	276
	20	203½	6.55–8 p.m. ..	7.5–7.12 p.m. ..	56	480
	22	100	3.15–3.45 p.m. ..	3.16–3.31 p.m. ..	85	340

Year.	Date.	Rainfall.	Duration.	Heaviest Fall.		
				Time.	Amount.	Rate per Hour.
		Pts.			Pts.	Pts.
1935	Jan. 17	67	3.34–4.5 p.m. ..	3.40–3.50 p.m. ..	56½	339
	30	103	5.30–7.5 p.m. ..	5.46–5.52 p.m. ..	24½	245
	Feb. 1	48	5.54–6.10 p.m. ..	6.2–6.7 p.m. ..	34	408
	9	105	8–8.40 p.m. ..	8.17–8.22 p.m. ..	25	300
	19	169½	8.45–10 p.m. ..	9.6–9.14 p.m. ..	50	375
	April 19	36	3.20–4.35 p.m. ..	4.34–4.39 p.m. ..	25	300
	Oct. 15	30½	3.50–4.5 p.m. ..	3.52–3.58 p.m. ..	25½	255
	Dec. 20	89	1.20–1.48 a.m. ..	1.20–1.30 a.m. ..	81	486
1936	Jan. 12	77	5–6 p.m.	5.2–5.7 p.m. ..	15	180
	Feb. 29	162	11.20 p.m., 29th, to 2 a.m., 1st	1–1.20 a.m. ..	86½	259½
	March 1					
	Sept. 8	45	7.30–9 a.m. ..	8.19–8.23 a.m. ..	14	210
	Nov. 19	74	8–9.10 p.m. ..	8.40–8.45 p.m. ..	25	300
	Dec. 27	58	3–4.20 p.m. ..	3.6–3.12 p.m. ..	38½	385
1937	Jan. 12	82	12.50–1.20 p.m. ..	1.4–1.10 p.m. ..	38	380
	Feb. 5	87	10.40 a.m.–12.30 p.m.	11.29–11.31 a.m. ..	10½	315
	April 1	44	12.30–1.5 p.m. ..	12.34–12.40 p.m. ..	24	240
	Aug. 20	28	11.45 p.m., 20th, to 0.8 a.m., 21st	11.45–11.55 p.m. ..	23	138
	21					
	Nov. 6	109	1.26–2.45 p.m. ..	1.27–1.44 p.m. ..	70	247
	7	133	7.35–8.40 p.m. ..	7.45–8.10 p.m. ..	79	190
	Dec. 5	69½	4.16–4.40 p.m. ..	4.20–4.40 p.m. ..	63	189
	15	59	3.38–3.50 p.m. ..	3.38–3.48 p.m. ..	57	342
1938	Jan. 15	25	5.58–6.20 a.m. ..	6.10–6.15 a.m. ..	14½	174
	16	19	10.23–10.30 a.m. ..	10.23–10.30 a.m. ..	19	163
				8.55–11.25 p.m. ..	239	68
	31	239	8.55–11.25 p.m. ..	9.38–9.50 p.m. ..	34	170
				9.14–9.27 a.m. ..	45½	210
	May 24	89	8.10–9.40 a.m. ..	8.10–8.27 a.m. ..	27	131
	25	52½	2.48–3.8 a.m. ..	2.58–3.3 a.m. ..	33	396
	26	110	5.35–6.20 a.m. ..	6.2–6.10 a.m. ..	46	345
	Aug. 24	31	9.40–10.10 p.m. ..	9.40–9.45 p.m. ..	15	180
	Oct. 11	67½	12.53–1.50 p.m. ..	12.53–1.3 p.m. ..	16½	99
	Nov. 26	47	9.50–10.5 a.m. ..	9.50–10.4 a.m. ..	46	197
	29	102	4–4.20 p.m. ..	4.5–4.11 p.m. ..	49	490
1939	March 11	62	4.50–5.30 a.m. ..	5.14–5.20 a.m. ..	15	150
	15	93½	0.20–1.30 a.m. ..	1.13–1.18 a.m. ..	20	240
	Aug. 2	108	7.50–9 p.m. ..	7.51–7.58 p.m. ..	14	120
				8.26–8.33 p.m. ..	18	154
	Sept. 27	36	11.38 a.m.–12.5 p.m.	11.54–11.57 a.m. ..	10	200
	Oct. 23	64	12.45–1.11 p.m. ..	12.50–12.54 p.m.	15	225
				1.7–1.10 p.m. ..	18	360
	Nov. 9	62	4.8–5 p.m.	4.26–4.34 p.m. ..	23	173
	21	39	8.20–8.30 p.m. ..	8.20–8.26 p.m. ..	37	370
	Dec. 4	14	10.20–10.34 p.m. ..	10.24–10.26 p.m. ..	9	270
	24	45	8–8.30 p.m. ..	8–8.10 p.m. ..	36	216

CLOUD.

MEAN AMOUNT OF CLOUD AT 9 A.M. (SCALE 0–10.)

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	7·0	7·3	7·6	5·0	3·8	3·8	4·4	4·7	3·9	4·1	6·3	7·6	5·5
1888	6·5	7·2	3·2	5·4	4·9	3·2	2·2	2·4	4·0	5·3	4·2	6·0	4·5
1889	5·5	5·3	6·5	6·8	5·7	4·7	4·7	4·4	4·6	6·0	7·2	6·9	5·7
1890	8·8	8·5	8·4	5·4	5·2	4·5	4·3	3·5	3·8	3·5	5·2	6·3	5·6
1891	7·6	6·6	7·1	6·5	5·4	2·9	3·5	2·5	4·0	5·5	5·1	4·4	5·1
1892	5·5	5·8	6·6	4·8	5·7	3·9	4·6	2·7	5·2	5·1	4·8	4·9	5·0
1893	6·6	8·8	7·1	4·9	4·5	4·7	4·9	5·0	3·1	4·4	5·4	4·4	5·3
1894	7·4	6·5	7·0	5·7	3·5	3·1	1·2	3·4	3·8	5·6	5·4	6·7	4·9
1895	7·2	5·5	4·6	4·7	4·1	3·3	3·5	1·7	2·5	4·5	5·4	6·3	4·4
1896	5·4	8·6	3·5	4·1	3·5	2·6	3·2	2·4	3·1	3·0	5·9	6·4	4·3
1897	5·1	5·2	3·7	2·0	3·6	4·8	3·5	4·8	4·5	4·4	4·7	7·4	4·5
1898	7·4	7·6	6·4	3·6	3·6	4·6	2·5	4·9	3·7	1·8	4·9	4·5	4·6
1899	6·2	5·8	6·3	5·4	3·4	4·4	4·3	3·4	6·1	5·0	4·2	5·7	5·0
1900	6·6	5·6	5·6	3·6	5·4	3·1	3·5	2·5	2·5	2·2	4·2	4·7	4·1
1901	4·8	6·9	6·6	4·5	4·9	4·5	4·3	4·1	3·2	3·7	6·7	5·8	5·0
1902	6·0	5·8	3·8	3·2	2·5	3·0	3·7	3·1	2·4	4·1	5·7	6·2	4·1
1903	4·9	6·2	7·5	4·6	5·2	2·9	3·4	4·3	4·2	4·4	6·0	7·2	5·1
1904	7·0	4·5	6·8	7·0	6·7	3·0	3·8	2·3	3·3	5·9	5·0	6·5	5·1
1905	6·7	6·4	5·4	6·0	5·4	4·3	1·7	2·9	2·5	3·2	4·1	5·1	4·5
1906	6·4	7·0	5·8	3·7	4·0	3·8	2·5	3·4	6·4	5·5	5·5	6·8	5·1
1907	7·2	5·5	6·2	2·8	5·2	5·5	2·8	1·3	1·2	5·0	6·8	6·4	4·7
1908	6·7	5·8	5·2	5·2	4·3	3·9	4·8	3·3	3·1	4·8	6·6	5·6	4·9
1909	5·9	5·2	5·5	4·1	3·3	5·3	3·8	5·9	3·5	5·4	6·2	6·1	5·0
1910	6·3	6·0	6·7	5·0	5·1	5·0	3·9	3·8	5·1	4·6	7·1	5·5	5·4
1911	7·2	7·1	5·2	3·3	3·5	2·8	3·7	3·7	3·2	5·5	5·3	4·5	4·6
1912	6·4	6·9	5·6	3·4	3·1	5·9	3·9	2·8	1·7	4·0	5·3	4·5	4·5
1913	6·8	7·1	5·8	3·7	4·8	5·5	3·9	1·6	3·7	3·6	3·7	6·4	4·7
1914	5·1	7·1	6·9	3·5	4·3	5·1	3·5	2·4	3·5	5·5	5·8	5·9	4·9
1915	5·7	5·4	3·3	3·8	3·7	3·5	5·0	1·4	2·8	3·0	4·1	6·5	4·0
1916	6·1	5·6	3·8	5·6	4·9	5·4	5·8	4·4	4·9	6·5	5·3	6·5	5·4
1917	5·8	5·6	5·3	3·4	4·0	5·1	3·7	4·7	4·1	6·1	6·1	6·5	5·0
1918	7·5	5·6	5·6	3·9	3·8	2·5	2·3	3·6	3·1	3·8	4·8	5·8	4·3
1919	5·6	5·0	4·8	5·6	5·1	4·7	3·1	2·2	3·2	4·1	5·5	6·1	4·6
1920	6·5	6·0	4·3	5·0	5·2	4·7	4·8	4·0	3·8	5·7	5·1	4·3	5·0
1921	7·4	5·9	6·4	4·4	4·8	5·9	4·9	3·3	5·2	4·5	4·7	6·5	5·3
1922	4·9	7·3	3·0	2·5	3·4	4·3	3·7	2·1	3·4	4·8	4·1	5·8	4·1
1923	5·6	6·1	4·7	6·1	3·0	2·4	3·1	3·4	1·5	3·7	4·7	6·8	4·3
1924	5·5	6·9	4·3	4·9	4·4	3·8	5·1	3·8	3·6	4·6	5·9	5·5	4·9
1925	7·1	5·5	6·3	4·1	5·3	3·9	2·9	3·5	2·3	3·5	6·1	6·1	4·7
1926	6·1	5·6	5·2	3·6	5·0	3·8	3·3	2·4	4·3	3·2	3·8	6·3	4·4
1927	7·8	6·1	7·5	3·7	2·1	4·6	2·5	1·5	4·2	5·4	6·5	6·9	4·9
1928	6·3	8·5	5·4	5·2	3·3	4·7	3·2	2·7	1·9	3·8	5·1	6·3	4·7
1929	6·1	8·3	6·5	3·7	3·2	5·1	2·8	3·2	4·1	4·9	3·7	4·1	4·6
1930	8·1	6·7	5·5	4·7	4·9	6·4	4·3	2·8	2·7	6·3	3·1	5·5	5·1
1931	5·5	7·0	6·6	4·1	5·8	5·6	3·3	4·7	3·2	4·4	7·0	6·3	5·3
1932	5·4	5·4	5·6	5·6	4·7	4·0	2·5	3·3	4·2	6·3	6·3	5·6	4·9
1933	6·1	4·3	5·9	4·4	4·1	4·1	5·0	4·6	5·6	5·4	8·5	6·7	5·4
1934	7·0	5·9	5·8	6·1	5·0	2·8	5·8	3·4	3·4	5·6	7·6	5·6	5·3
1935	5·5	6·1	4·4	3·7	2·8	4·3	3·6	3·6	3·6	5·2	4·6	5·2	4·4
1936	6·4	5·7	6·2	3·6	3·8	5·0	4·7	2·4	3·0	3·4	4·3	5·8	4·5
1937	4·8	6·6	5·1	2·7	4·3	4·0	4·1	3·1	2·6	4·3	7·5	6·0	4·6
1938	6·6	5·0	5·9	4·2	5·7	4·2	5·1	3·6	3·2	5·3	6·8	4·1	5·0
1939	7·4	7·0	6·7	6·3	4·4	3·6	4·5	1·7	1·3	5·0	6·2	5·3	4·9
Average for 53 years	6·4	6·3	5·7	4·5	4·4	4·2	3·8	3·3	3·5	4·6	5·5	5·9	4·8

CLOUD—*continued.*

MEAN AMOUNT OF CLOUD AT 3 P.M. (SCALE 0–10.)

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	5·9	7·6	7·5	6·8	5·1	4·6	4·4	5·9	4·6	4·6	6·1	6·7	5·8
1888	5·0	7·0	4·7	6·7	5·6	4·5	3·6	3·1	5·0	4·9	3·9	5·1	4·9
1889	4·7	4·8	6·8	7·9	6·7	5·2	6·1	5·0	4·9	5·2	7·1	6·3	5·9
1890	7·8	7·5	7·8	6·8	6·9	5·1	5·1	3·5	4·6	2·6	5·2	6·3	5·8
1891	6·9	6·0	6·7	7·3	6·6	3·8	5·0	4·1	4·7	6·1	5·3	4·8	5·6
1892	4·9	4·8	7·1	5·4	6·2	4·2	4·7	4·1	5·6	5·9	5·2	5·2	5·3
1893	5·9	8·7	7·6	5·0	4·8	5·5	5·1	6·2	3·1	4·1	6·0	5·0	5·6
1894	7·0	6·5	7·8	6·0	4·1	3·8	2·1	4·1	5·0	5·7	5·4	6·5	5·3
1895	7·5	5·6	5·1	6·3	4·7	4·2	3·6	2·1	2·1	3·6	4·9	5·8	4·6
1896	3·8	7·6	4·5	5·2	4·6	2·8	2·5	4·0	3·1	2·8	5·5	5·5	4·3
1897	5·0	4·8	4·7	2·4	3·5	6·0	4·0	4·1	4·2	4·2	3·6	7·2	4·5
1898	7·5	7·3	6·3	4·7	5·3	5·8	3·9	5·8	4·4	3·2	4·2	4·7	5·3
1899	5·5	6·5	5·9	5·2	4·6	5·0	5·9	4·5	5·7	4·5	3·8	4·6	5·1
1900	5·4	4·3	4·7	5·1	5·9	4·7	3·5	2·9	3·8	2·6	3·7	4·0	4·2
1901	4·8	5·5	5·9	5·4	5·8	4·3	4·7	5·3	3·7	3·7	4·3	3·7	4·8
1902	5·5	4·2	3·9	4·0	4·2	3·5	3·6	3·7	2·4	3·9	3·5	4·7	3·9
1903	4·1	5·4	6·5	4·5	5·9	3·9	4·2	5·4	4·0	6·1	6·2	5·9	5·2
1904	6·1	3·9	7·4	7·3	6·8	3·7	4·4	4·3	2·6	6·2	3·4	4·6	5·1
1905	5·7	5·5	4·2	6·7	5·7	4·4	2·3	3·2	2·9	4·4	3·7	4·6	4·4
1906	5·3	7·2	7·0	4·4	5·6	4·3	3·6	4·2	7·3	5·8	5·3	6·4	5·5
1907	6·7	6·1	6·6	4·0	6·2	6·1	3·7	2·6	2·4	4·3	5·9	6·2	5·1
1908	6·1	6·9	5·6	7·0	5·3	4·1	5·2	4·7	3·4	4·4	5·1	5·1	5·2
1909	5·0	5·2	5·9	5·1	4·2	5·1	4·5	6·2	4·9	3·9	5·0	5·1	5·0
1910	7·4	6·1	7·3	5·7	5·3	5·5	4·7	4·4	4·8	4·7	6·6	5·3	5·7
1911	6·7	7·1	5·5	3·7	4·5	4·2	3·9	5·3	3·3	5·2	4·4	3·8	4·8
1912	4·6	4·8	6·7	4·9	4·1	6·8	4·9	4·7	1·8	4·1	5·2	4·6	4·8
1913	7·4	7·0	5·8	5·5	5·7	5·5	4·7	1·9	4·7	2·5	2·7	6·1	5·0
1914	5·0	6·6	7·2	4·2	5·7	5·7	4·2	5·4	5·3	5·4	4·8	5·4	5·4
1915	5·5	4·6	3·1	4·3	4·0	4·5	5·2	2·5	3·1	2·5	3·5	6·1	4·1
1916	4·7	4·4	5·7	6·2	5·1	4·7	6·3	4·8	5·0	6·0	5·4	6·7	5·4
1917	5·2	5·5	5·9	4·4	4·9	5·9	3·1	6·2	4·3	4·4	6·2	5·6	5·1
1918	7·6	5·2	6·5	4·9	5·2	3·5	2·5	4·3	3·9	3·3	4·4	4·3	4·6
1919	4·1	5·1	4·5	5·8	5·6	4·5	3·1	2·9	2·9	3·5	3·2	4·5	4·1
1920	6·3	4·8	5·2	5·7	5·5	4·6	4·5	3·8	4·6	5·6	5·3	4·1	5·0
1921	7·0	5·7	6·8	5·7	5·1	6·9	5·1	5·2	5·3	4·0	3·4	6·0	5·5
1922	5·2	7·1	4·0	3·8	4·8	5·3	4·5	3·3	4·9	3·6	3·4	5·3	4·6
1923	4·2	3·6	5·3	7·4	3·5	3·1	3·8	4·5	2·6	2·9	3·9	5·8	4·2
1924	5·9	6·8	5·9	5·8	5·5	5·8	5·8	5·2	4·0	4·2	4·7	5·4	5·4
1925	7·3	5·7	7·4	4·7	6·2	5·3	3·6	5·2	2·9	3·9	6·3	5·7	5·3
1926	6·1	4·2	6·1	4·0	5·5	4·8	3·6	2·9	5·3	3·5	3·0	6·1	4·6
1927	6·9	5·6	7·1	5·5	2·9	5·8	2·6	1·5	3·8	4·2	5·2	7·3	4·9
1928	6·5	8·4	5·7	6·1	4·4	5·4	4·1	3·4	1·6	3·5	4·5	6·1	5·0
1929	4·7	7·8	6·1	4·7	4·3	5·5	2·7	4·2	4·7	4·2	5·0	3·4	4·8
1930	7·8	6·2	3·6	3·9	6·5	6·7	4·6	3·8	3·8	5·9	4·1	5·6	5·2
1931	5·3	6·2	7·7	6·2	6·5	5·5	3·7	4·7	3·7	4·7	7·2	6·2	5·6
1932	3·9	5·1	4·6	6·0	4·0	5·1	3·5	3·9	6·2	6·1	5·3	4·4	4·8
1933	4·3	5·2	5·8	5·3	5·4	4·8	5·5	5·4	5·9	4·4	8·2	6·7	5·6
1934	5·7	6·5	5·5	6·5	6·6	4·0	5·9	4·3	4·1	5·4	7·7	5·9	5·7
1935	4·5	6·3	5·5	4·7	4·3	5·2	4·0	3·8	4·3	4·7	3·1	4·9	4·6
1936	5·7	5·9	7·0	5·3	6·0	5·1	5·5	2·5	3·7	3·9	3·6	5·9	5·0
1937	4·4	7·5	5·5	4·8	4·2	4·8	5·3	5·0	2·7	4·6	7·8	5·0	5·1
1938	7·0	4·6	5·3	5·0	7·2	5·0	6·5	3·8	3·8	3·9	5·6	2·9	5·1
1939	4·3	6·1	6·8	7·0	5·8	4·3	5·3	2·3	1·8	5·1	6·0	4·5	4·9
Average for 53 years	5·7	5·9	5·9	5·4	5·3	4·9	4·3	4·2	4·0	4·4	4·9	5·4	5·0

CLOUD—*continued.*

MEAN AMOUNT OF CLOUD AT 9 P.M. (SCALE 0–10.)

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	4·6	6·6	5·9	3·6	3·9	2·8	3·4	5·0	2·0	3·6	5·0	4·7	4·3
1888	4·3	7·0	2·4	4·6	3·5	2·7	1·5	2·3	2·4	2·8	3·7	3·8	3·4
1889	3·5	4·2	5·5	5·9	5·8	4·3	4·5	3·7	3·9	4·5	7·1	6·7	5·0
1890	7·8	6·8	6·6	5·3	4·2	3·7	4·5	1·5	4·2	1·5	4·5	5·4	4·7
1891	5·8	4·3	6·5	4·9	5·5	2·7	2·6	1·4	3·7	4·6	4·4	3·2	4·1
1892	5·2	3·2	5·4	3·8	4·9	3·1	4·4	3·3	3·9	5·0	3·3	4·5	4·2
1893	5·5	8·0	5·7	3·3	4·2	4·6	3·6	5·2	1·2	3·3	4·4	4·2	4·4
1894	5·4	5·8	5·3	5·0	3·4	3·0	1·3	3·4	4·0	3·8	3·6	5·2	4·1
1895	7·0	3·7	2·7	4·7	2·8	2·1	2·7	1·1	1·2	3·4	5·3	4·4	3·4
1896	3·2	5·8	3·0	3·9	3·3	2·3	2·7	1·7	1·7	2·9	4·5	4·1	3·3
1897	4·5	3·8	2·8	1·1	2·7	3·5	1·7	2·7	3·5	4·4	3·0	5·4	3·3
1898	6·6	6·3	4·9	3·1	3·5	3·7	2·4	4·4	3·2	1·3	4·0	4·2	4·0
1899	4·5	3·8	4·1	3·6	2·6	3·6	4·1	3·0	4·0	3·2	3·4	3·5	3·6
1900	4·6	2·8	3·5	3·1	3·8	2·9	2·5	2·2	2·8	1·6	3·2	3·4	3·0
1901	3·1	4·9	5·5	3·4	4·1	4·2	3·0	3·4	3·1	3·8	3·8	3·6	3·8
1902	5·4	3·8	1·8	2·7	2·1	2·5	2·1	2·6	2·4	3·7	2·9	4·6	3·1
1903	3·6	5·3	4·5	1·6	4·1	2·8	..	..	..	..	..	..	..
1904	..	..	..	..	..	..	..	..	..	..	..	..	..
1905	..	..	..	..	..	..	..	..	..	..	..	..	..
1906	..	..	..	..	..	..	..	..	..	..	..	..	..
1907	..	..	..	..	..	..	..	..	..	..	..	..	..
1908	3·7	5·2	3·6	4·9	3·3	2·1	4·5	2·9	2·7	4·5	3·8	4·2	3·8
1909	3·9	4·9	4·8	3·7	3·6	4·1	3·4	5·3	3·5	3·8	3·6	6·2	4·2
1910	5·7	4·9	5·9	4·1	3·8	4·7	3·6	2·3	3·9	4·1	5·3	4·3	4·4
1911	6·3	5·5	4·2	2·7	2·6	2·3	3·0	3·7	2·5	3·3	5·9	4·5	3·9
1912	3·5	4·3	4·4	2·4	2·3	5·7	3·1	2·6	1·2	3·2	4·5	4·0	3·4
1913	5·7	5·4	4·6	4·0	4·5	3·7	3·1	1·2	3·0	1·6	1·8	6·0	3·7
1914	4·3	5·5	4·2	2·3	4·1	4·8	3·4	2·4	3·6	4·1	5·0	5·5	4·1
1915	4·3	4·4	2·3	3·5	3·1	2·0	3·5	1·5	2·7	3·3	2·7	5·1	3·2
1916	4·8	4·0	4·3	5·0	3·5	4·0	4·8	4·6	2·9	5·5	4·9	5·5	4·5
1917	5·5	5·0	4·2	2·4	3·1	4·5	3·4	4·5	4·2	3·2	5·7	5·1	4·2
1918	6·5	5·0	4·7	3·8	3·2	1·4	1·4	2·7	2·3	4·2	3·6	4·1	3·6
1919	3·6	3·1	4·6	5·0	5·4	3·9	2·4	0·8	1·6	1·6	2·8	5·4	3·3
1920	5·6	4·1	2·8	3·3	4·6	4·4	3·5	3·3	3·4	5·1	4·9	3·0	4·0
1921	5·6	5·0	5·8	3·8	4·4	5·8	3·5	3·7	3·1	3·2	3·3	5·6	4·4
1922	4·0	6·9	1·8	2·8	2·4	4·2	2·2	1·3	2·9	2·2	3·4	4·7	3·2
1923	3·7	2·3	3·7	5·4	2·1	2·2	2·5	1·6	1·8	3·8	2·7	5·2	3·1
1924	4·2	5·6	3·0	3·1	2·8	3·9	4·5	3·4	2·3	4·8	4·9	4·6	3·9
1925	6·1	4·1	6·4	3·2	4·0	3·9	2·2	2·7	2·3	2·5	4·9	4·3	3·9
1926	4·6	3·3	3·6	2·9	3·5	2·9	2·3	2·7	3·0	2·4	3·7	5·6	3·4
1927	6·1	4·4	6·6	2·4	1·7	4·1	2·3	0·6	2·6	4·7	5·0	6·3	3·9
1928	5·4	7·8	4·1	4·7	2·5	3·8	2·5	1·3	0·6	3·9	3·9	5·9	3·9
1929	4·2	7·1	4·4	2·9	2·4	4·1	1·2	2·0	2·5	2·6	3·7	3·9	3·4
1930	7·5	3·8	4·0	1·6	4·4	5·3	3·1	2·1	3·0	4·6	4·0	4·0	3·9
1931	6·4	4·0	5·6	3·5	4·7	3·0	3·5	1·8	2·6	3·1	4·5	4·3	3·9
1932	3·1	3·8	3·8	5·1	4·3	3·5	1·6	1·2	4·3	4·3	4·6	4·3	3·7
1933	5·9	4·8	2·8	3·2	2·6	3·6	4·8	3·2	3·5	3·2	7·2	5·5	4·2
1934	4·4	4·1	2·8	7·0	4·6	2·6	4·6	2·5	3·1	4·0	5·9	5·0	4·2
1935	4·4	5·4	2·8	3·2	2·2	3·2	2·9	2·2	3·2	4·1	3·1	3·9	3·4
1936	5·5	3·5	5·9	2·7	3·7	4·0	4·0	1·1	1·8	4·1	3·2	5·3	3·7
1937	2·8	5·6	4·2	2·7	2·0	2·9	3·5	2·5	1·3	4·0	6·0	3·5	3·4
1938	6·5	3·5	5·6	2·0	5·4	3·6	4·0	3·0	2·8	3·2	5·4	3·3	4·0
1939	5·6	4·6	4·6	5·3	3·1	2·9	3·5	1·5	1·3	4·2	4·3	4·7	3·8
Average for 48 years ..	5·0	4·8	4·3	3·7	3·6	3·5	3·1	2·6	2·8	3·5	4·3	4·7	3·8

CLOUD.—*continued.*

MEAN AMOUNT, COMPUTED FROM $\frac{9 \text{ a.m.} + 3 \text{ p.m.} + 9 \text{ p.m.}}{3}$ OBSERVATIONS.

Scale 0–10.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1887	5·8	7·2	7·0	5·1	4·3	3·7	4·1	5·2	3·5	4·1	5·8	6·3	5·2
1888	5·3	7·1	3·4	5·6	4·7	3·5	2·4	2·6	2·6	4·3	3·9	5·0	4·2
1889	4·6	4·7	6·3	6·9	6·1	4·7	5·1	4·4	4·5	5·2	7·1	6·6	5·5
1890	8·1	7·6	7·6	5·8	5·4	4·4	4·6	2·8	4·2	2·5	5·0	6·0	5·3
1891	6·8	5·6	6·8	6·2	5·8	3·1	3·7	2·7	4·1	5·4	4·9	4·1	4·9
1892	5·2	4·6	6·4	4·7	5·6	3·7	4·6	3·4	4·9	5·3	4·4	4·9	4·8
1893	6·0	8·5	6·8	4·4	4·5	4·9	4·5	5·5	2·5	3·9	5·3	4·5	5·1
1894	6·6	6·3	6·7	5·6	3·7	3·3	1·5	3·6	4·3	5·0	4·8	6·1	4·8
1895	7·2	4·9	4·1	5·2	3·9	3·2	3·3	1·6	1·9	3·8	5·2	5·5	4·1
1896	4·1	7·3	3·7	4·4	3·8	2·6	2·8	2·7	2·6	2·9	5·3	5·3	4·0
1897	4·9	4·6	3·7	1·8	3·3	4·8	3·1	3·9	4·1	4·3	3·8	6·7	4·1
1898	7·2	7·1	5·9	3·8	4·1	4·7	2·9	5·0	3·8	2·1	4·4	4·5	4·6
1899	5·4	5·4	5·4	4·7	3·5	4·3	4·8	3·6	5·3	4·2	3·8	4·6	4·6
1900	5·5	4·2	4·6	3·9	5·0	3·6	3·2	2·5	3·0	2·1	3·7	4·0	3·8
1901	4·2	5·8	6·0	4·4	4·9	4·3	4·0	4·3	3·3	3·7	4·9	4·4	4·5
1902	5·6	4·6	3·2	3·3	2·9	3·0	3·1	3·1	2·4	3·9	4·0	5·2	3·7
1903	4·2	5·6	6·2	3·6	5·1	3·2	..	..	..	..	..	..	..
1904	..	..	..	..	..	..	..	..	..	..	..	..	..
1905	..	..	..	..	..	..	..	..	..	..	..	..	..
1906	..	..	..	..	..	..	..	..	..	..	..	..	..
1907	..	..	..	..	..	..	..	..	..	..	..	..	..
1908	5·5	6·0	4·8	5·7	4·3	3·4	4·8	3·6	3·1	4·6	5·2	5·0	4·7
1909	4·9	5·1	5·4	4·3	3·7	4·8	3·9	5·8	4·0	4·4	4·9	5·8	4·7
1910	6·5	5·7	6·6	4·9	4·7	5·1	4·1	3·5	4·6	4·5	6·3	5·0	5·2
1911	6·7	6·6	5·0	3·2	3·5	3·1	3·5	4·2	3·0	4·7	5·2	4·3	4·4
1912	4·8	5·3	5·6	3·6	3·2	6·1	4·0	3·4	1·6	3·8	5·0	4·4	4·2
1913	6·6	6·5	5·4	4·4	5·0	4·9	3·9	1·6	3·8	2·6	2·7	6·2	4·5
1914	4·8	6·4	6·1	3·3	4·7	5·2	3·7	3·4	4·1	5·0	5·2	5·6	4·8
1915	5·2	4·8	2·9	3·9	3·6	3·3	4·6	1·8	2·9	2·9	3·4	5·9	3·8
1916	5·2	4·7	4·6	5·6	4·5	4·7	5·6	4·6	4·3	6·0	5·2	6·2	5·1
1917	5·5	5·4	5·1	3·4	4·0	5·2	3·4	5·1	4·2	4·6	6·0	5·7	4·8
1918	7·2	5·3	5·6	4·2	4·1	2·5	2·1	3·5	3·1	3·8	4·3	4·7	4·2
1919	4·4	4·4	4·6	5·5	5·4	4·4	2·9	2·0	2·6	3·1	3·8	5·3	4·0
1920	6·1	5·0	4·1	4·7	5·1	4·6	4·3	3·7	3·9	5·5	5·1	3·8	4·7
1921	6·7	5·5	6·3	4·6	4·8	6·2	4·5	4·1	4·5	3·9	3·8	6·0	5·1
1922	4·7	7·1	2·9	3·0	3·5	4·6	3·5	2·2	3·7	3·5	3·6	5·3	4·0
1923	4·5	4·0	4·6	6·3	2·9	2·6	3·1	3·2	2·0	3·5	3·8	5·9	3·9
1924	5·2	6·4	4·4	4·6	4·2	4·5	5·1	4·1	3·3	4·5	5·2	5·2	4·7
1925	6·8	5·1	6·7	4·0	5·2	4·4	2·9	3·8	2·5	3·3	5·8	5·4	4·6
1926	5·6	4·4	5·0	3·5	4·7	3·8	3·1	2·7	4·2	3·0	3·5	6·0	4·1
1927	6·9	5·4	7·1	3·9	2·2	4·8	2·5	1·2	3·5	4·8	5·6	6·8	4·6
1928	6·1	8·2	5·1	5·3	3·4	4·6	3·3	2·5	1·4	3·7	4·5	6·1	4·5
1929	5·0	7·7	5·7	3·8	3·3	4·9	2·2	3·1	3·8	3·9	4·1	3·8	4·3
1930	7·8	5·6	4·4	3·4	5·3	6·1	4·0	2·9	3·2	5·6	3·7	5·0	4·8
1931	5·7	5·7	6·6	4·6	5·7	4·7	3·5	3·7	3·2	4·1	6·2	5·6	4·9
1932	4·1	4·8	4·7	5·6	4·3	4·2	2·5	2·8	4·9	5·6	5·4	4·8	4·5
1933	5·4	4·8	4·8	4·3	4·0	4·2	5·1	4·4	5·0	4·3	8·0	6·3	5·1
1934	5·7	5·5	4·7	6·5	5·4	3·1	5·4	3·4	3·5	5·0	7·1	5·5	5·1
1935	4·8	5·9	4·2	3·9	3·1	4·2	3·5	3·2	3·7	4·7	3·6	4·7	4·1
1936	5·9	5·0	6·4	3·9	4·5	4·7	4·7	2·0	2·8	3·8	3·7	5·7	4·4
1937	4·0	6·6	4·9	3·4	3·5	3·9	4·3	3·5	2·2	4·3	7·1	4·8	4·4
1938	6·7	4·4	5·6	3·7	6·1	4·3	5·2	3·5	3·3	4·1	5·9	3·4	4·7
1939	5·8	5·9	6·0	6·2	4·4	3·6	4·5	1·8	1·5	4·8	5·5	4·8	4·6
Average for 48 years	5·7	5·7	5·3	4·5	4·3	4·2	3·8	3·4	3·4	4·1	4·9	5·3	4·6

SUNSHINE.

TOTAL NUMBER OF HOURS.

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
													Hours
1909	217·2	203·8	188·1	198·7	226·5	148·5	186·4	146·1	232·1	252·4	243·0	240·3	2,483·1
1910	190·7	204·8	133·5	206·8	170·2	147·2	185·5	208·6	202·4	237·2	181·1	264·1	2,332·1
1911	171·2	134·7	203·2	223·7	209·8	203·7	200·7	213·0	240·6	236·1	205·7	267·5	2,509·9
1912	267·4	241·1	191·1	225·6	219·3	128·2	181·8	227·6	280·9	250·9	264·0	280·9	2,758·8
1913	175·6	151·0	208·3	201·9	166·4	151·8	187·5	278·2	220·1	292·6	284·8	208·0	2,526·2
1914	249·8	189·6	163·7	231·6	182·9	138·5	195·7	226·9	217·8	250·6	239·6	222·5	2,509·2
1915	239·4	249·8	263·4	223·0	199·9	185·1	169·5	260·5	240·5	277·3	253·7	227·5	2,789·6
1916	255·1	243·8	234·4	159·0	183·9	145·5	144·4	199·4	201·5	185·7	228·5	206·6	2,387·8
1917	229·6	179·9	184·2	209·2	184·9	149·9	200·2	174·3	211·2	233·5	190·4	214·0	2,361·3
1918	148·3	181·5	170·3	190·3	193·9	211·2	230·1	218·7	239·7	256·8	247·8	257·8	2,546·4
1919	263·6	218·9	240·6	181·7	148·9	147·9	213·6	236·5	254·7	277·7	262·9	264·1	2,711·1
1920	210·4	226·7	245·2	199·0	171·5	198·2	200·5	236·1	227·0	214·6	251·5	282·5	2,663·2
1921	184·4	214·8	159·8	186·5	192·2	125·8	187·6	215·0	194·6	263·5	233·1	216·8	2,374·1
1922	270·2	157·9	275·7	252·4	231·7	187·4	211·1	266·7	242·4	262·4	299·6	228·2	2,885·7
1923	282·9	257·2	251·3	162·1	263·6	253·6	255·6	266·7	281·4	288·9	280·9	246·7	3,090·9
1924	253·9	205·3	248·3	208·4	214·8	198·3	187·5	222·7	249·3	236·9	223·8	242·3	2,691·5
1925	158·4	221·5	132·4	233·6	191·8	201·5	257·6	231·6	263·4	295·6	216·5	260·4	2,664·3
1926	231·6	255·5	235·4	253·7	188·7	219·8	248·8	286·5	241·5	297·8	304·7	221·6	2,985·6
1927	198·1	216·0	173·7	232·8	279·2	195·6	266·9	300·4	233·5	267·5	234·5	183·6	2,781·8
1928	257·6	124·4	265·2	185·4	235·3	200·0	225·3	247·2	292·6	242·3	270·4	270·3	2,816·0
1929	297·5	158·9	217·3	243·9	255·3	184·4	268·1	272·0	225·7	259·9	280·3	294·3	2,957·6
1930	151·3	217·5	240·6	219·3	184·0	165·3	207·8	255·5	271·4	249·7	272·3	305·7	2,740·4
1931	253·8	222·7	206·8	232·2	176·3	196·0	250·8	232·3	254·9	287·8	224·6	263·9	2,802·1
1932	320·2	264·6	274·4	189·7	189·6	189·9	259·6	263·4	236·7	234·7	243·5	292·9	2,959·2
1933	275·5	251·6	248·8	229·9	232·1	228·7	179·6	221·4	201·8	260·5	165·9	229·7	2,725·5
1934	254·1	230·0	265·3	182·9	189·2	227·9	171·2	248·4	274·7	240·7	206·8	265·8	2,757·0
1935	295·2	242·9	261·7	233·4	249·6	208·4	228·3	251·5	227·4	256·1	295·4	273·3	3,023·2
1936	232·4	240·3	168·3	233·6	194·4	187·8	192·6	280·1	278·0	291·2	284·8	264·2	2,847·7
1937	300·8	152·9	202·9	255·2	231·7	206·9	210·3	221·4	279·3	269·0	182·2	287·4	2,800·0
1938	206·9	249·1	224·2	229·6	157·6	208·7	189·0	228·4	259·5	275·8	222·4	329·2	2,780·4
1939	212·5	199·1	158·4	144·9	201·6	209·4	195·0	287·9	306·8	259·7	254·8	302·3	2,732·4
Average for 31 years ..	234·1	209·9	214·1	211·6	203·8	185·5	209·3	239·5	244·6	258·2	243·5	255·3	2,709·4

WIND

(TOTAL MILES).

Year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
1914	..	..	..	..	..	..	..	4,058	3,703	4,584	4,715	4,193	..
1915	4,305	4,421	4,248	3,314	3,649	3,899	3,167	3,417	3,242	4,300	4 742	5,037	47,741
1916	5,182	4,214	4,301	3,684	3,672	3,365	3,401	3,699	3,854	3,889	4,090	4,618	47,969
1917	4,086	4,120	4,006	3,753	3,507	3,318	3,647	4,052	3,722	3,969	4,042	4,555	46,777
1918	4,512	4,178	5,212	3,748	3,264	3,134	3,820	3,764	3,866	4,563	3,688	4,462	48,211
1919	4,873	4,005	4,323	4,285	4,329	3,688	3,725	3,862	3,636	4,959	4,790	4,999	51,474
1920	4,443	4,764	4,855	3,761	3,372	3,133	3,614	4,135	3,599	4,140	3,914	4,343	48,073
1921	4,956	4,218	4,565	3,749	2,224	2,782	3,521	3,838	3,137	3,102	3,921	4,859	44,872
1922	5,545	5,913	4,459	4,614	5,368	4,263	4,246	4,207	3,526	4,278	5,846	5,270	57,535
1923	5,794	5,728	5,275	6,778	3,976	4,982	5,728	5,581	5,130	5,415	5,956	6,061	66,404
1924	5,957	4,368	4,601	4,543	4,950	5,237	4,430	4,603	4,768	5,067	4,944	6,034	59,502
1925	4,908	4,630	6,174	5,564	4,737	5,482	4,889	4,955	4,545	5,206	4,663	5,081	60,834
1926	4,705	4,588	5,003	3,890	5,865	4,709	4,581	4,699	5,147	5,298	5,620	6,306	60,411
1927	6,199	4,943	4,988	4,368	4,255	4,655	4,343	4,579	5,011	4,913	5,548	5,542	59,344
1928	5,195	5,326	4,740	4,757	4,636	4,817	4,418	4,338	4,473	5,469	5,656	5,677	59,502
1929	5,641	4,953	5,179	5,116	4,759	4,864	4,377	4,744	4,741	4,631	5,415	5,821	60,241
1930	6,053	5,034	5,057	4,416	5,096	4,666	3,626	4,352	4,235	4,862	5,242	5,676	58,315
1931	6,005	5,874	4,360	4,255	3,588	4,041	4,444	4,302	4,569	5,011	4,959	5,066	56,474
1932	5,309	5,293	4,770	4,148	5,485	5,107	4,474	4,234	4,202	3,976	4,623	5,000	56,621
1933	5,300	4,309	5,771	4,493	3,929	4,097	4,160	3,992	4,970	5,153	4,706	5,558	56,438
1934	5,613	4,175	5,639	4,481	5,252	3,707	4,213	4,358	5,006	5,337	4,724	4,943	57,448
1935	5,170	5,138	5,125	4,017	4,316	3,816	4,211	4,616	3,819	4,127	4,926	5,699	54,980
1936	5,111	4,604	5,569	4,331	5,063	3,687	4,197	4,518	4,887	5,486	5,280	5,957	58,690
1937	5,885	5,233	5,221	4,562	4.030	5,003	4,676	4,967	5,159	5,148	5,251	4,857	59,992
1938	4,891	4,021	5,132	4,907	5,080	4,247	5,176	4,089	3,778	4,308	4,669	5.503	55,801
1939	5,250	5,114	5,690	4,168	4,648	3,456	4,392	5,117	4,667	4,797	4.472	5,246	57,017
Average for 25 years ..	5,235	4,767	4,971	4,388	4,362	4,166	4,219	4,361	4,308	4,696	4,867	5,287	55,627

WIND—*continued.*

(GREATEST NUMBER OF MILES IN 24 HOURS AND DATE.)

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.	
	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.
1914 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	212	27	188	21	268	19	265	27	188	15	..	..
1915 ..	247	15	340	10	245	18	172	3	180	{19, 20}	267	26	138	25	151	20	152	20	210	19	257	17	237	1	340	Feb. 10
1916 ..	265	23	245	15	305	29	215	8	363	7	307	23	200	1	215	5	205	28	218	19	242	30	272	16	363	May 7
1917 ..	229	15	278	4	254	8	190	24	196	3	239	21	279	19	250	22	239	25	170	7	263	14	256	17	279	July 19
1918 ..	258	19	250	27	303	17	203	9	200	6	184	10	218	9	242	7	203	30	325	25	217	29	241	21	325	Oct. 25
1919 ..	288	27	200	21	238	15	252	13	245	29	189	4	218	23	232	27	149	21	239	17	220	4	232	17	288	Jan. 27
1920 ..	270	22	275	19	214	23	213	19	167	8	279	23	218	17	284	6	187	28	237	30	194	12	232	10	284	Aug. 6
1921 ..	217	12	226	7	247	11	335	6	147	4	212	27	291	31	280	3	269	19	204	15	272	22	285	26	335	April 6
1922 ..	361	1	347	5	220	1	247	22	307	20	267	16	311	18	306	5	199	15	192	25	267	21	242	30	361	Jan. 1
1923 ..	262	10	306	3	240	26	370	27	203	18	347	27	359	2	331	6	322	14	291	8	274	18	293	5	370	April 27
1924 ..	288	19	210	12	240	11	275	21	249	{ 3, 10}	400	12	227	13	259	3	277	25	252	15	249	8	308	24	400	June 12
1925 ..	246	17	295	5	348	10	400	3	298	8	383	19	346	12	299	22	297	29	238	17	226	13	242	10	400	April 3
1926 ..	290	1	276	28	255	25	245	1	430	17	291	2	299	3	305	4	262	16	251	31	247	24	467	15	467	Dec. 15
1927 ..	298	27	282	11	276	29	283	1	250	26	231	26	265	25	276	10	238	25	209	20	331	30	316	26	331	Nov. 30
1928 ..	242	24	352	14	251	12	356	19	242	6	455	14	220	6	281	5	264	5	294	3	371	10	256	8	455	June 14
1929 ..	227	10	392	28	488	1	342	16	260	25	413	29	260	29	276	24	206	12	212	3	312	26	269	28	488	Mar. 1
1930 ..	325	30	293	1	226	21	269	15	257	9	264	3	190	13	304	3	213	12	238	25	265	23	265	25	325	Jan. 30
1931 ..	280	27	503	5	212	25	320	3	236	29	293	25	324	7	214	10	329	4	221	20	315	4	253	3	503	Feb. 5
1932 ..	290	15	270	24	246	1	211	14	255	23	361	17	311	8	256	15	236	8	191	28	238	26	233	16	361	June 17
1933 ..	236	15	267	3	306	7	284	25	253	18	247	8	215	2	196	5	264	8	313	1	235	10	408	28	408	Dec. 28
1934 ..	262	12	264	21	410	27	260	9	308	8	168	26	236	29	280	15	302	2	322	1	204	{ 7, 10}	246	12	410	Mar. 27
1935 ..	237	11	318	25	259	26	192	{ 4, 26}	299	26	191	17	293	9	355	4	265	21	196	29	237	24	322	25	355	Aug. 4
1936 ..	291	18	232	1	344	23	238	15	314	{24, 25}	233	25	243	12	262	25	226	2	355	14	292	15	290	15	355	Oct. 14
1937 ..	251	{24, 28}	400	19	400	16	302	3	191	17	322	21	270	6	331	21	250	10	223	28	282	22	229	1	400	{Feb. 19, Mar. 16}
1938 ..	240	8	232	16	318	31	316	8	297	25	258	3	321	25	259	8	219	7	238	16	321	25	237	10	321	{July 25, Nov. 25}
1939 ..	287	29	305	4	391	5	252	19	252	27	194	27	269	12	347	23	247	11	253	27	206	3	235	15	391	Mar. 5
Extremes for 25 years ..	361	1922	503	1931	488	1929	400	1925	430	1926	455	1928	359	1923	355	1935	329	1931	355	1936	371	1928	467	1926	503	Feb. 1931

WIND—*continued.*

(LOWEST NUMBER OF MILES IN 24 HOURS.)

Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.	
	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.
1914 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	61	9	82	25	65	10	103	5	72	31	..	..
1915 ..	83	19	107	22	97	21	75	12	61	15	60	19	64	3	67	24	54	23	100	29	99	28	97	19	54	Sept. 23
1916 ..	114	28	97	27	90	16	59	26	26	11	61	16	62	9	60	8	79	8	79	3	73	2	85	12	26	May 11
1917 ..	77	20	87	26	72	22	82	11	71	9	59	13	62	10	86	{1, 24}	55	23	81	15	92	17	67	12	55	Sept. 23
1918 ..	42	10	90	{17, 22}	91	27	50	25	67	28	65	14	80	23	61	17	71	3	87	9	80	{6, 20}	108	17	42	Jan. 10
1919 ..	108	26	73	13	59	1	82	27	65	22	45	27	48	11	58	25	97	18	102	9	113	23	90	30	45	June 27
1920 ..	62	19	92	27	109	5	70	23	71	13	46	9	55	2	61	16	78	1	97	13	96	16	92	7	46	June 9
1921 ..	60	14	101	28	68	25	74	22	23	24	55	15	50	15	41	23	43	3	56	18	68	9	81	4	23	May 24
1922 ..	86	9	120	25	102	13	102	2	92	6	87	28	76	23	30	27	55	8	66	4	149	27	111	{15, 17}	30	Aug. 27
1923 ..	116	6	149	19	132	8	111	29	81	3	101	24	101	5	120	{24, 26}	113	4	113	4	100	1	132	25	81	May 3
1924 ..	128	8	105	9	85	31	79	9	89	19	88	26	85	31	90	29	95	12	108	20	113	12	147	14	79	April 9
1925 ..	97	23	90	27	98	22	101	{20, 24}	80	10	87	24	83	9	96	24	95	13	122	11	91	18	90	15	80	May 10
1926 ..	89*	{5, 7}	82	12	101	29	61	26	109	28	74	25	63	17	95	27	102	29	121	22	122	10	109	30	61	April 26
1927 ..	130	4	103	15	83	21	84	3	86	14	99	7	84	7	79	26	81	21	97	12	105	12	108	10	79	Aug. 26
1928 ..	121	21	95	7	87	28	82	26	80	29	79	4	81	16	86	15	109	16	108	20	102	5	122	18	79	June 4
1929 ..	105	11	116	5	87	{3, 26}	98	11	103	17	90	22	94	5	84	22	122	10	95	17	115	21	111	3	84	Aug. 22
1930 ..	112	2	118	3	103	14	98	{3, 9}	101	19	89	{5, 30}	73	2	75	{13, 14}	105	21	103	18	110	12	131	27	73	July 2
1931 ..	124	26	106	26	85	22	64	29	54	13	70	8	73	10	83	7	63	16	123	6	72	18	105	19	54	May 13
1932 ..	127	25	136	{12, 27}	109	27	70	9	79	20	84	3	75	31	74	6	104	20	85	18	90	1	109	4	70	April 9
1933 ..	112	27	115	9	112	5	92	29	47	2	77	27	65	8	56	21	88	29	111	{13, 21}	103	21	105	{11, 16}	47	May 2
1934 ..	114	20	77	19	109	{1, 7}	72	6	91	30	91	15	68	31	81	3	125	{9, 27}	125	22	120	12	104	6	68	July 31
1935 ..	123	7	121	5	94	17	77	12	96	30	66	8	76	21	85	29	78	12	79	19	98	14	117	6	66	June 8
1936 ..	88	12	101	13	97	29	97	{26, 27}	50	31	63	11	69	3	93	9	119	23	110	11	86	10	94	24	50	May 31
1937 ..	109	3	106	22	87	{8, 28}	91	23	97	31	82	13	103	1	95	1	123	2	115	31	105	21	98	15	82	June 13
1938 ..	116	29	97	{25, 26}	118	13	91	15	70	28	48	29	58	23	73	27	65	15	84	7	59	7	100	12	48	June 29
1939 ..	115	14	125	26	101	11	53	15	77	{1, 22}	47	17	81	3	79	26	112	{4, 16, 28}	104	17	90	28	113	1	47	June 17
Extremes or 25 years	42	1918	73	1919	59	1919	50	1918	23	1921	45	1919	48	1919	30	1922	43	1921	56	1921	59	1938	67	1917	23	May 1921

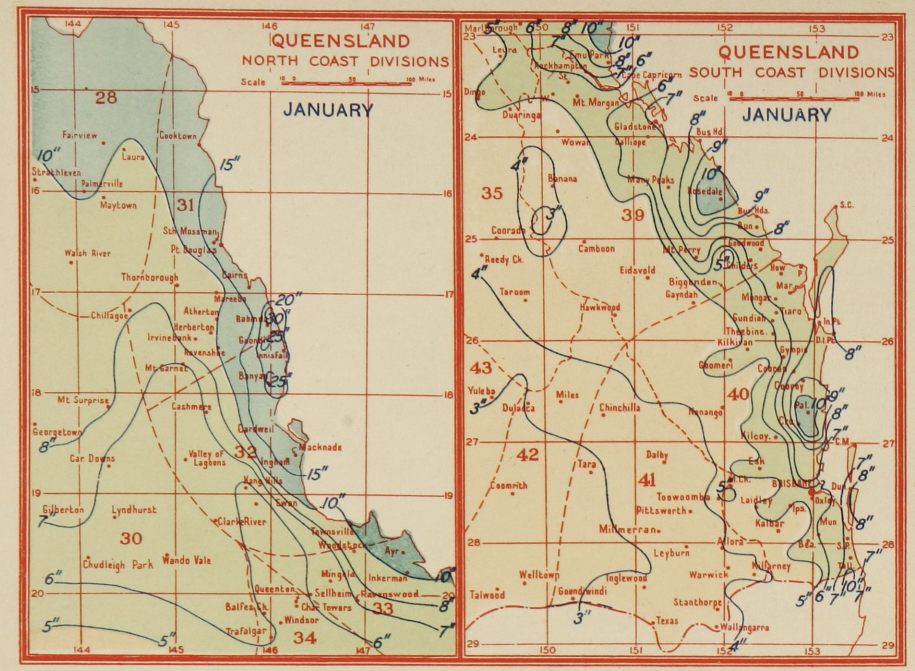
WIND—*continued.*

GREATEST VELOCITY—GUSTS—IN MILES PER HOUR.

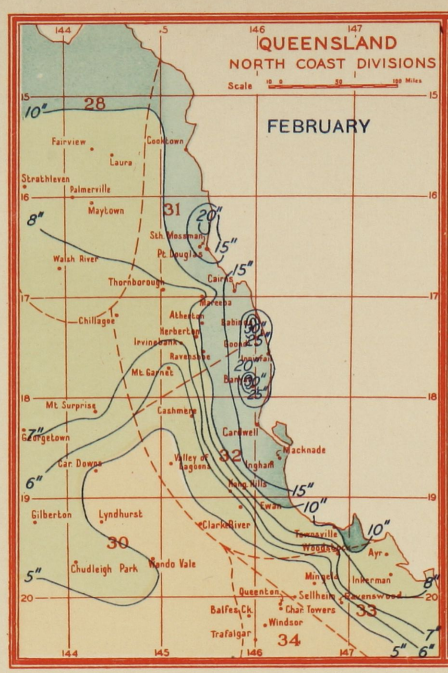
Year.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.	
	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.	Miles.	Date.
1915 ..	40	6	40	23	26	17	30	14	22	4	30	26	19	20	28	7	40	16	38	30	37	12	38	15	40	Jan. 6 Feb. 23 Sept. 16
1916 ..	31	2 22	43	6	37	5	23	1	34	7	34	23	22	26	29	5	27	22	28	18	40	16	28	19	43	Feb. 6
1917 ..	40	13	26	4 12	30	8	27	24	30	18	34	21	36	21	28	31	30	25	18	21	42	26	30	1 18	42	Nov. 26
1918 ..	36	15	34	4	28	17	23	21	25	16	14	9	..	..	25	9	21	5	37	8	20	29	25	21	..	..
1919 ..	24	15	24	20	25	14	26	13	42	7	28	30	23	22	33	27	30	5	30	3	26	2	23	18	42	May 7
1920 ..	39	27	39	11	29	30	29	18	25	14	17	8 9	26	17	34	25	26	19	43	24	39	5	25	10	45	Oct. 24
1921 ..	33	9	29	23	28	11	..	..	..	..	..	..	39	21	..	..	29	19	28	25	30	30	56	2	..	..
1922 ..	33	3	32	19	32	8	26	4 9	45	31	32	1	52	18	40	3	42	12	28	29	38	23	36	15	52	July 18
1923 ..	40	22	33	3	29	26	36	1	32	21	41	5	43	17	40	6	46	14	46	10	38	17	39	26	46	Sept. 14 Oct. 10
1924 ..	47	26	38	11	30	1	41	3 21	31	24	58	13	29	22	38	14	36	25	36	8	34	23	46	27	58	June 13
1925 ..	38	22	..	..	39	10	39	2 3	..	..	39	19	39	12	..	..	..	..	..	..	..	..	39	10	..	..
1926 ..	..	..	..	..	..	..	..	..	39	3 17	37	28	41	14	36	31	34	11 25	42	12	38	24	42	16	..	..
1927 ..	33	8	34	9	33	29	30	1	34	26	29	20	32	24	39	10	32	19	32	13	46	17	34	5	46	Nov. 17
1928 ..	32	10	37	14	28	12	32	19	27	19	50	14 26	30	6	30	5	37	5	32	3	40	23	36	23	50	June 14 June 26
1929 ..	29	18	34	28	39	1	43	26	32	23	52	29	32	29	32	24	26	29	38	28	38	26	41	19	52	June 29
1930 ..	34	30	35	16	31	28	31	15	30	31	32	12	28	12	35	3	36	23	26	25	33	14	37	17	36	Dec. 17
1931 ..	36	2	45	5	38	9	57	17	28	29	33	25	37	8	34	28	39	4	30	4	30	4	29	13	57	April 17
1932 ..	40	12	30	24	36	29	32	6	32	23	38	28	40	12	41	2	36	8	29	24	37	4	30	8	41	Aug. 2
1933 ..	46	11 13	25	3, 26	34	6	30	19	32	18	30	24	27	30	28	9	41	8	27	6	28	11	40	28	46	Jan. 11 Jan. 13
1934 ..	33	1, 13	34	21	41	27	28	3	37	26	30	16	33	29	38	15	42	2	42	1	33	14	78	20	78	Dec. 20
1935 ..	51	30	45	1	34	26	28	6	44	12	34	30	33	9	42	3, 4	38	21	42	15	33	12	55	20	55	Dec. 20
1936 ..	35	17	29	22	36	21	36	14	38	21, 23	28	25	34	27	34	28	26	26	38	29	33	21	38	27	38	May 21 Oct. 29 Dec. 27
1937 ..	31	12	33	13	29	2	30	3	27	27	43	6	30	24	42	21	37	2	29	19	32	2	43	11	43	June 6 Dec. 11
1938 ..	31	18	28	3	26	24	26	8	26	25	28	20	40	25	38	8	28	23	18	16	52	28	43	8	52	Nov. 28
1939 ..	39	23	44	3	50	5	35	7	38	4	39	27	47	2	53	23	47	11	40	6	55	21	45	13	55	Nov. 21
Extremes for 25 years ..	51 1935		45 1931, 1935		50 1939		57 1931		45 1922		58 1924		52 1922		53 1939		47 1939		46 1923		55 1939		78 1934		78 Dec., 1934	

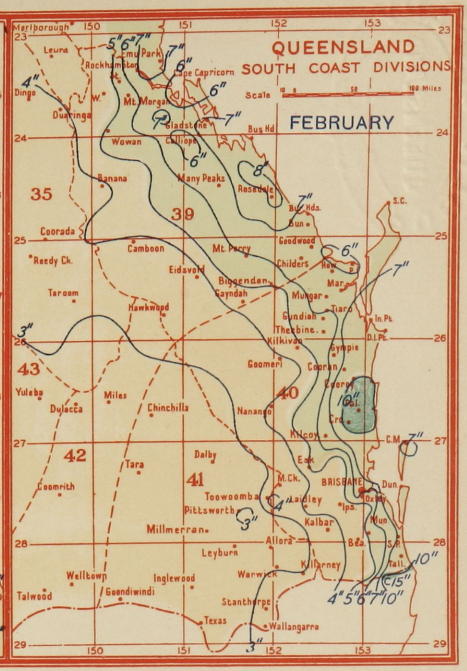
THE PUBLIC LIBRARY OF QUEE
9 JUN 1941

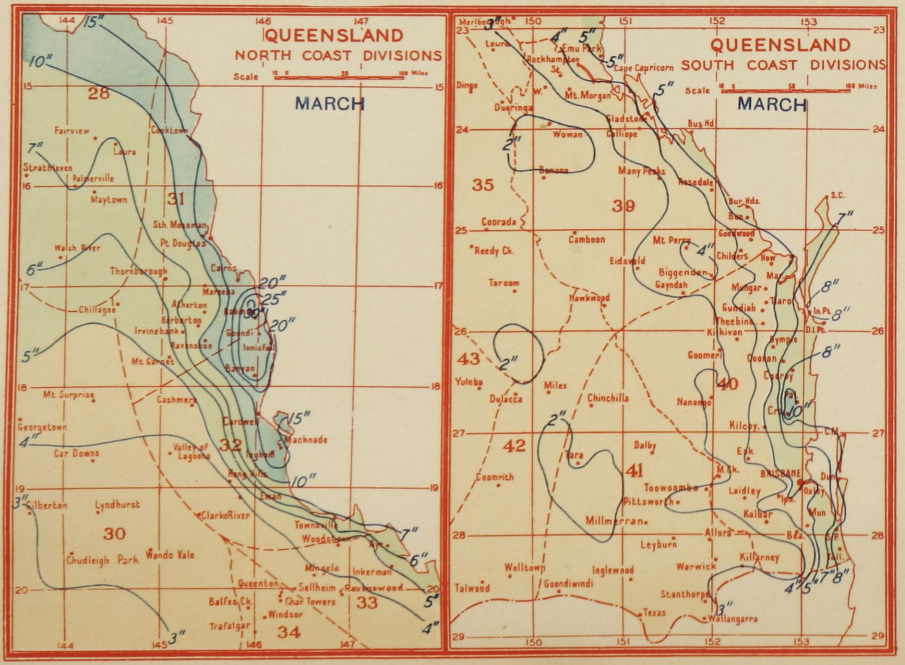
By Authority: T. RIDER, Government Printer, Melbourne.


QUEENSLAND
NORTH COAST DIVISIONS
JANUARY

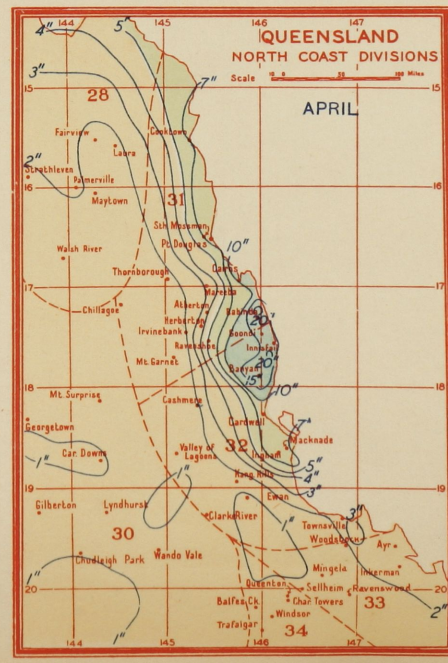
QUEENSLAND
SOUTH COAST DIVISIONS
JANUARY

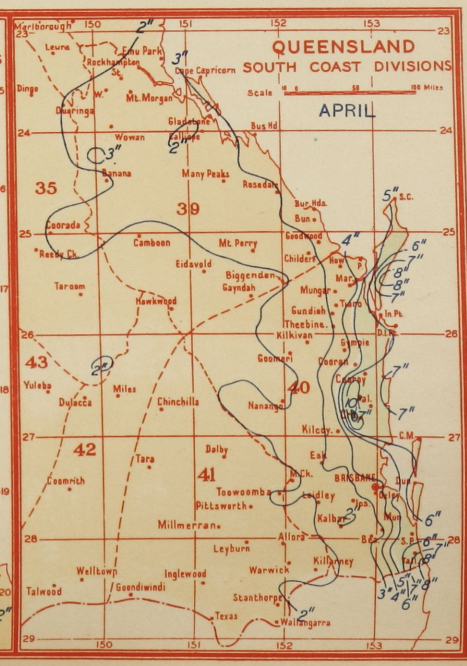

QUEENSLAND
NORTH COAST DIVISIONS
FEBRUARY

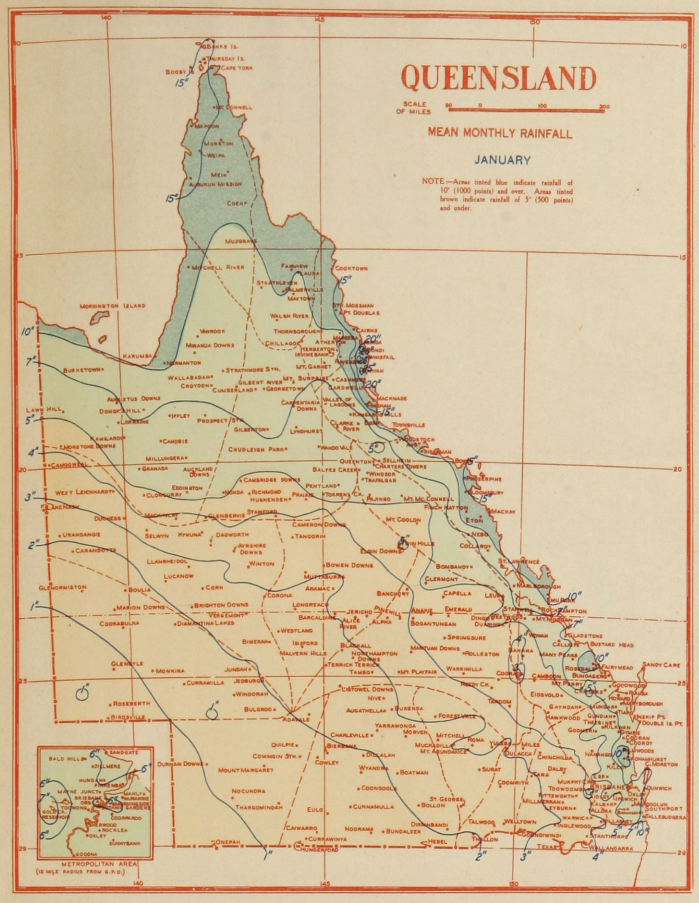

QUEENSLAND
SOUTH COAST DIVISIONS
FEBRUARY

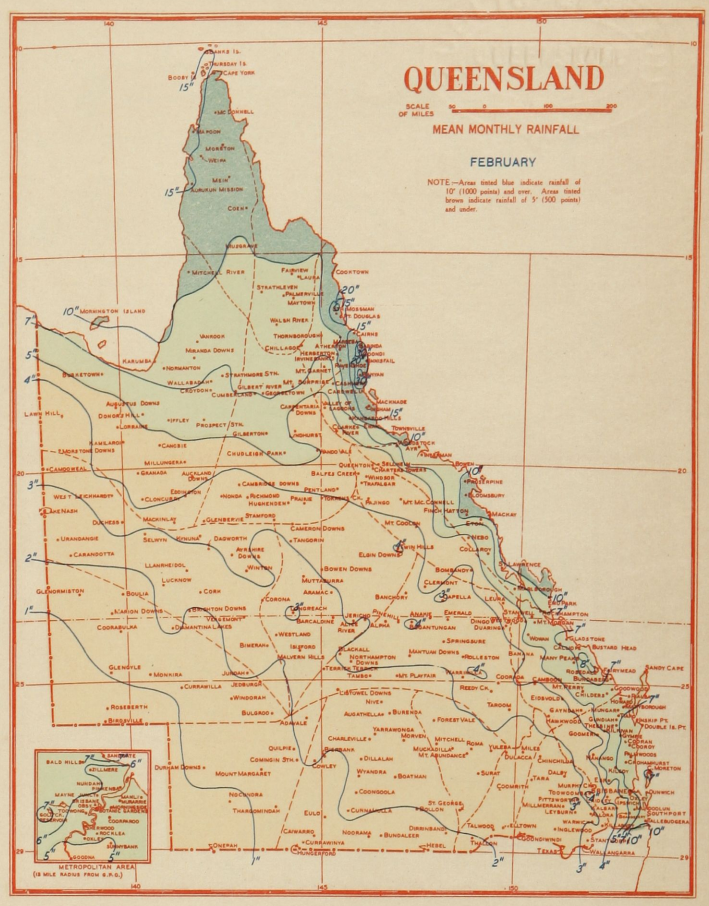

QUEENSLAND
NORTH COAST DIVISIONS
MARCH

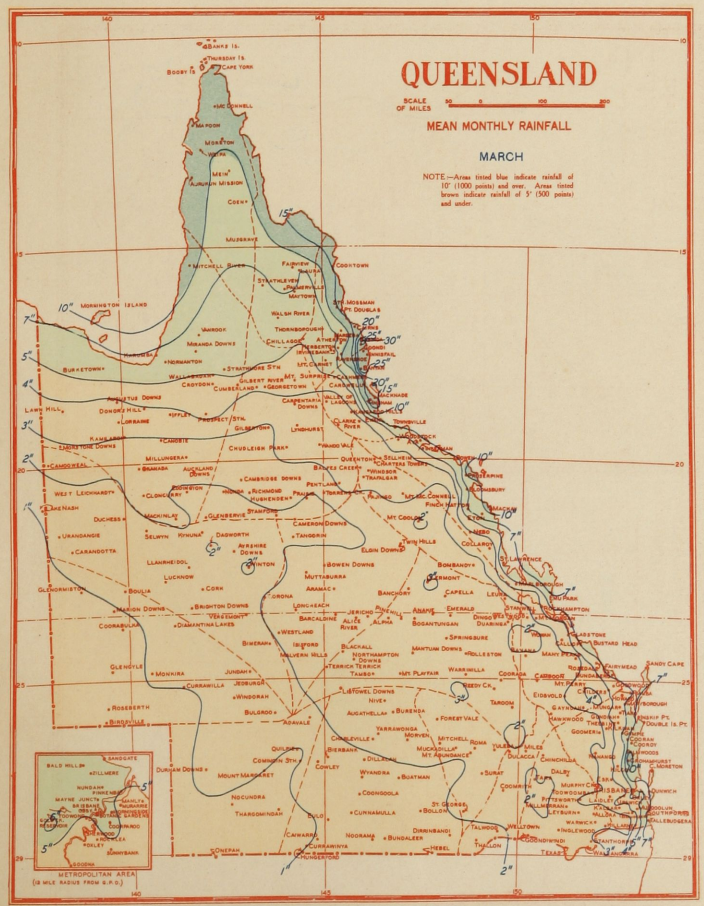
QUEENSLAND
SOUTH COAST DIVISIONS
MARCH

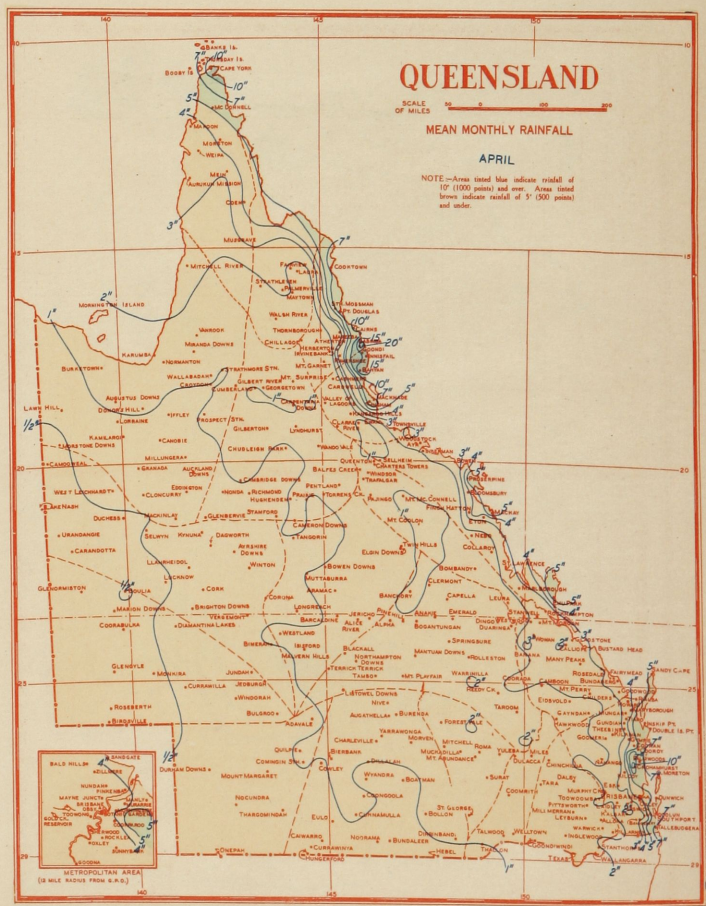

QUEENSLAND
NORTH COAST DIVISIONS
APRIL

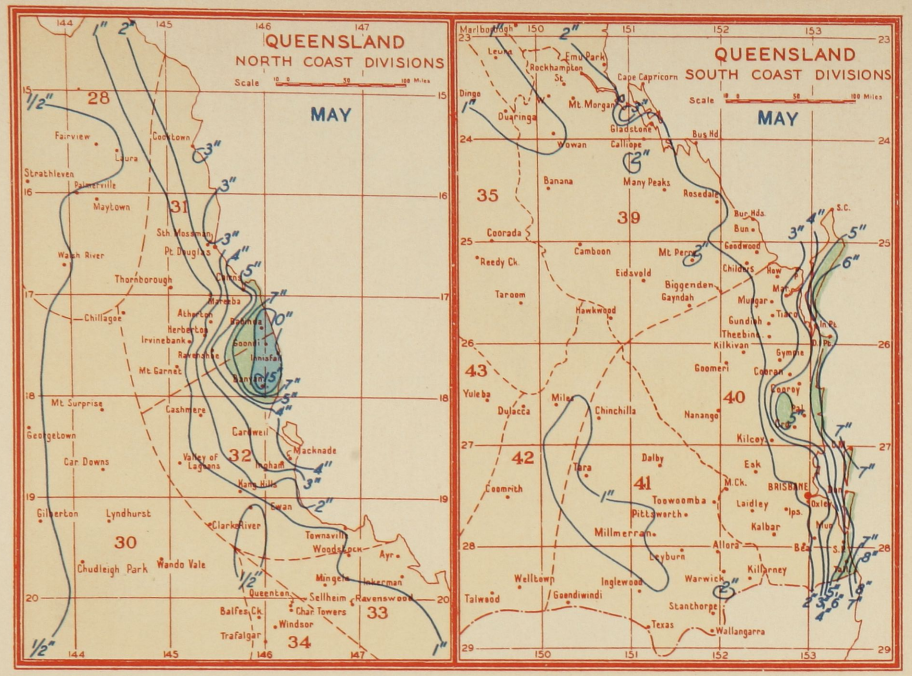

QUEENSLAND
SOUTH COAST DIVISIONS
APRIL


QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
JANUARY
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

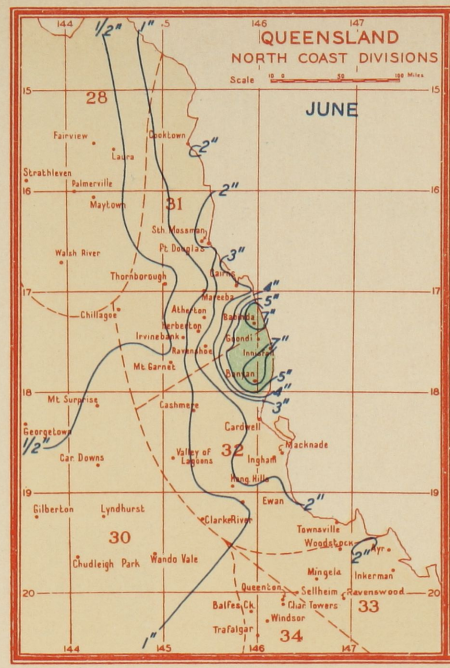

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
FEBRUARY
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

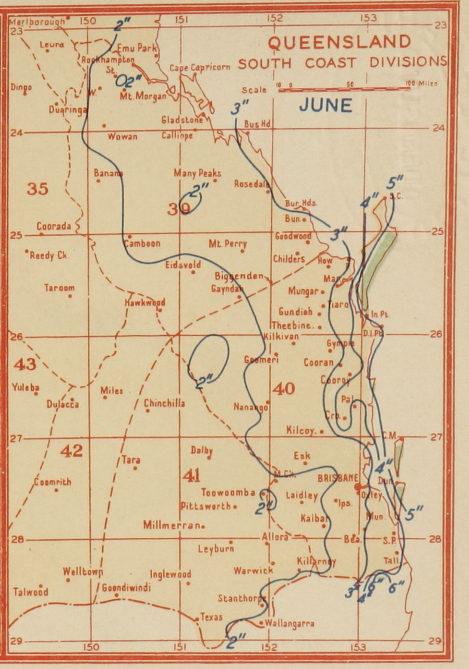

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
MARCH
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

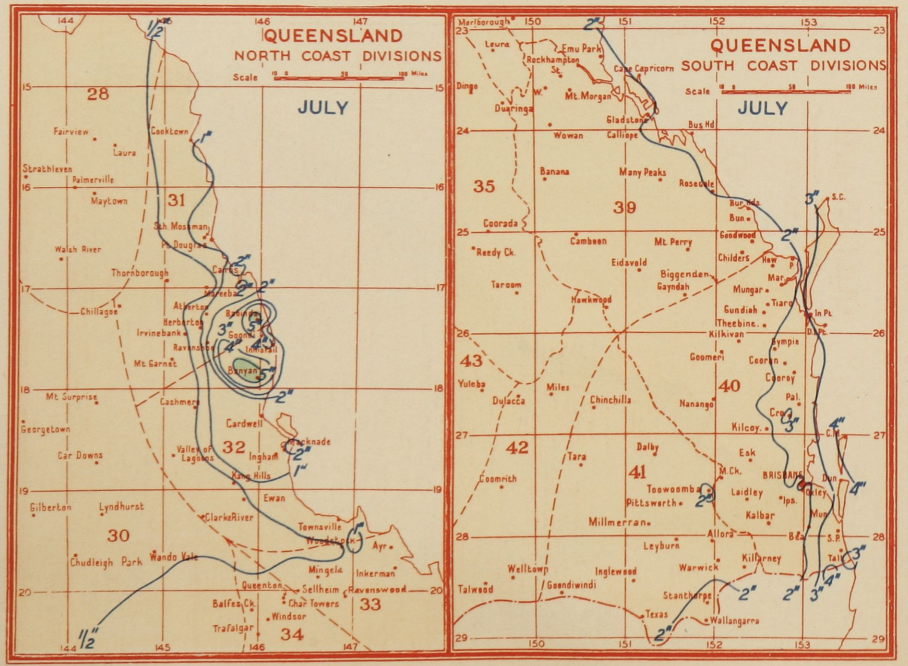

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
APRIL
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)


QUEENSLAND
NORTH COAST DIVISIONS
MAY
Scale
Fairview
Cooktown
Laura
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mt Garnet
Mt Surprise
Cashmere
Georgetown
Cardwell
Car Downs
Valley of Lagoons
Macknade
Ingham
Kirk Hills
Ewan
Gilberton
Lyndhurst
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chat Towers
Windsor
Trafalgar
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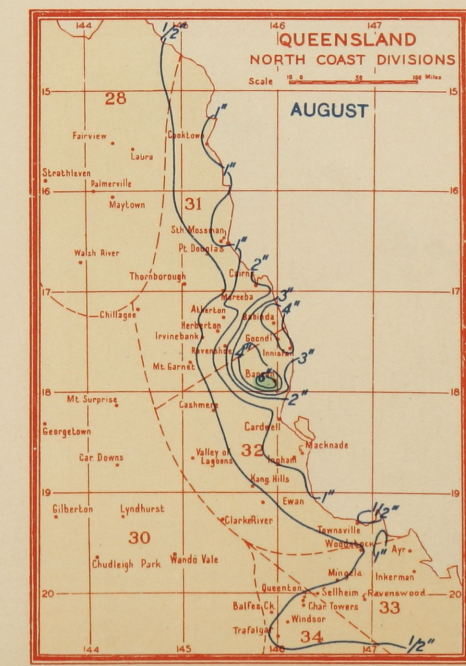
QUEENSLAND
SOUTH COAST DIVISIONS
MAY
Scale
Marlborough
Leura
Emu Park
Rockhampton
Cape Capricorn
Dingo
Mt Morgan
Duaringa
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Bur Hds
Bun
Goodwood
Camboon
Mt Perry
Reedy Ck
Childers
Eidsvold
Biggenden
Gayndah
Taroom
Hawkwood
Mungar
Tiaro
Gundiah
Theebine
Kilkivan
Goomeri
Gympie
Cooran
Coorooy
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
Coomrith
Tara
Dalby
Esk
Toowoomba
Pittsworth
Laidley
Ipswich
Kalbar
Millmerran
Allora
Leyburn
Warwick
Killarney
Talwood
Goondiwindi
Inglewood
Stanthorpe
Texas
Wallangarra
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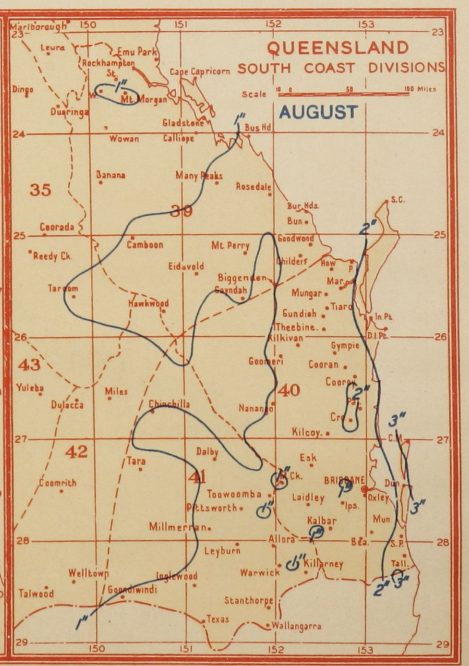

QUEENSLAND
NORTH COAST DIVISIONS
JUNE
Scale
Fairview
Cooktown
Laura
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mt Garnet
Mt Surprise
Cashmere
Georgetown
Cardwell
Car Downs
Valley of Lagoons
Macknade
Ingham
Kirk Hills
Ewan
Gilberton
Lyndhurst
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chat Towers
Windsor
Trafalgar
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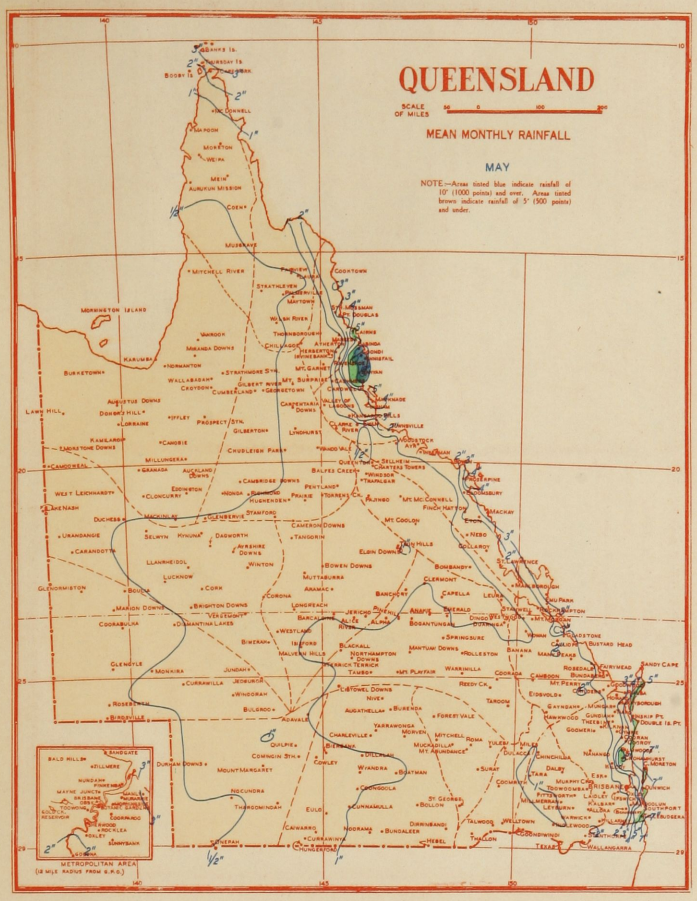

QUEENSLAND
SOUTH COAST DIVISIONS
JUNE
Scale
Marlborough
Leura
Emu Park
Rockhampton
Cape Capricorn
Dingo
Mt Morgan
Duaringa
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Bur Hds
Bun
Goodwood
Camboon
Mt Perry
Reedy Ck
Childers
Eidsvold
Biggenden
Gayndah
Taroom
Hawkwood
Mungar
Tiaro
Gundiah
Theebine
Kilkivan
Goomeri
Gympie
Cooran
Coorooy
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
Coomrith
Tara
Dalby
Esk
Toowoomba
Pittsworth
Laidley
Ipswich
Kalbar
Millmerran
Allora
Leyburn
Warwick
Killarney
Talwood
Goondiwindi
Inglewood
Stanthorpe
Texas
Wallangarra
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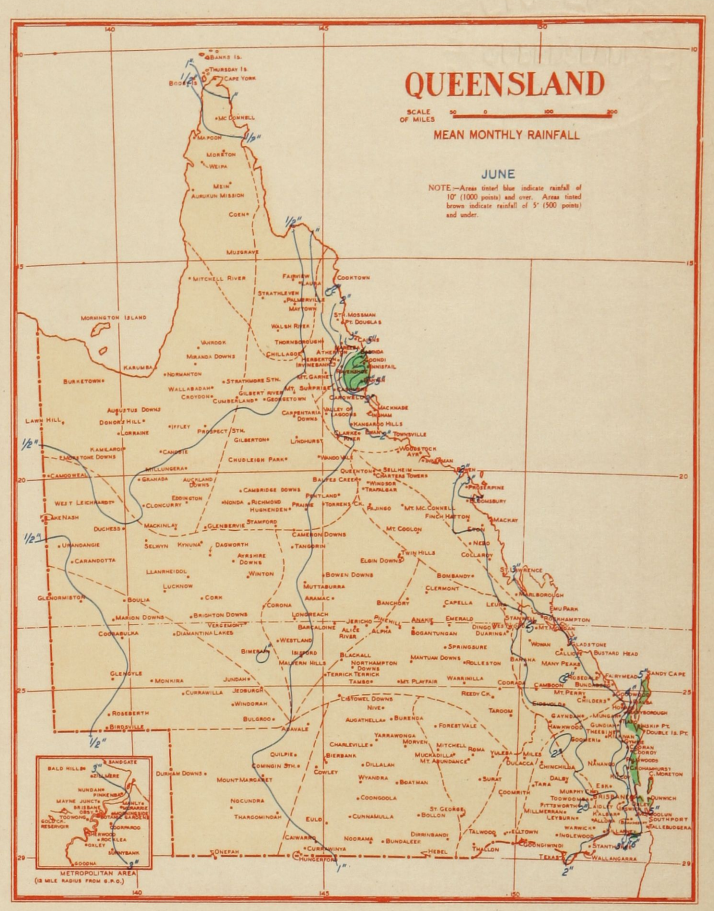

QUEENSLAND
NORTH COAST DIVISIONS
JULY
Scale
Fairview
Cooktown
Laura
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mt Garnet
Mt Surprise
Cashmere
Georgetown
Cardwell
Car Downs
Valley of Lagoons
Macknade
Ingham
Kirk Hills
Ewan
Gilberton
Lyndhurst
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chat Towers
Windsor
Trafalgar
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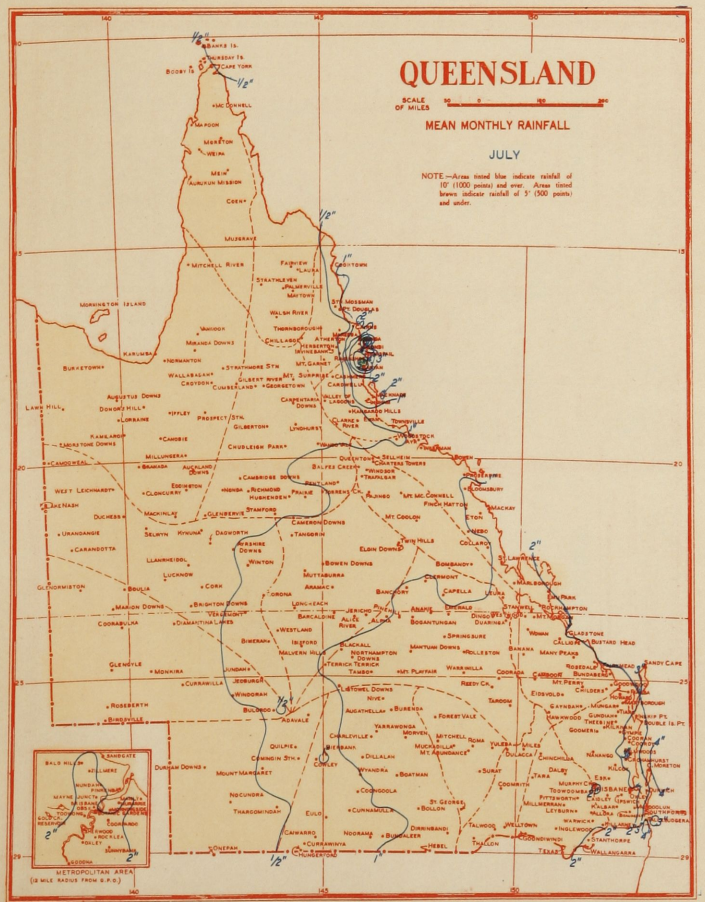
QUEENSLAND
SOUTH COAST DIVISIONS
JULY
Scale
Marlborough
Leura
Emu Park
Rockhampton
Cape Capricorn
Dingo
Mt Morgan
Duaringa
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Bur Hds
Bun
Goodwood
Camboon
Mt Perry
Reedy Ck
Childers
Eidsvold
Biggenden
Gayndah
Taroom
Hawkwood
Mungar
Tiaro
Gundiah
Theebine
Kilkivan
Goomeri
Gympie
Cooran
Coorooy
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
Coomrith
Tara
Dalby
Esk
Toowoomba
Pittsworth
Laidley
Ipswich
Kalbar
Millmerran
Allora
Leyburn
Warwick
Killarney
Talwood
Goondiwindi
Inglewood
Stanthorpe
Texas
Wallangarra
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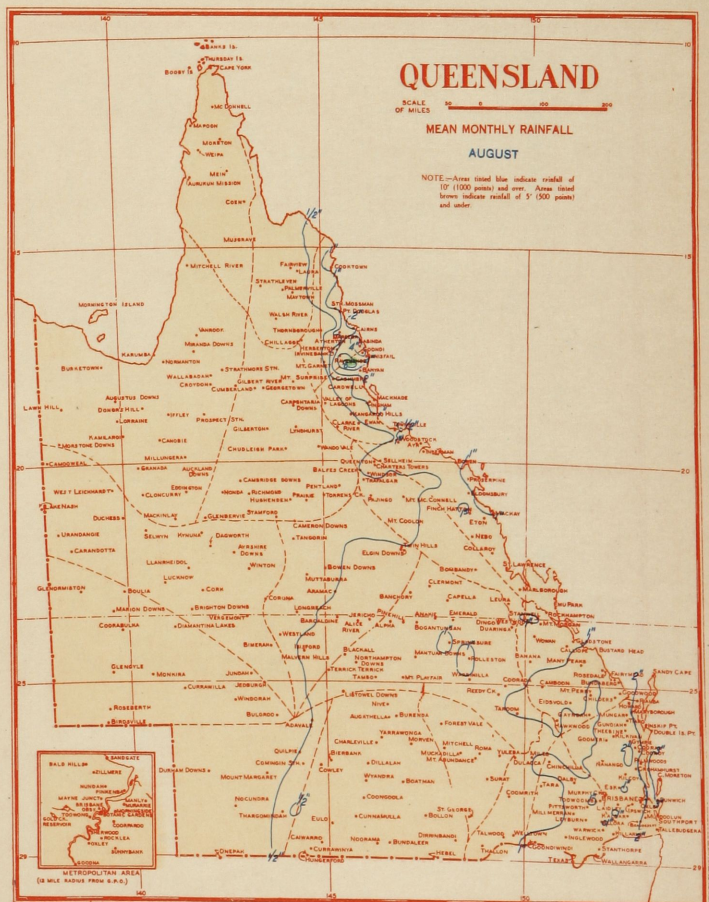

QUEENSLAND
NORTH COAST DIVISIONS
AUGUST
Scale
Fairview
Cooktown
Laura
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mt Garnet
Mt Surprise
Cashmere
Georgetown
Cardwell
Car Downs
Valley of Lagoons
Macknade
Ingham
Kirk Hills
Ewan
Gilberton
Lyndhurst
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chat Towers
Windsor
Trafalgar
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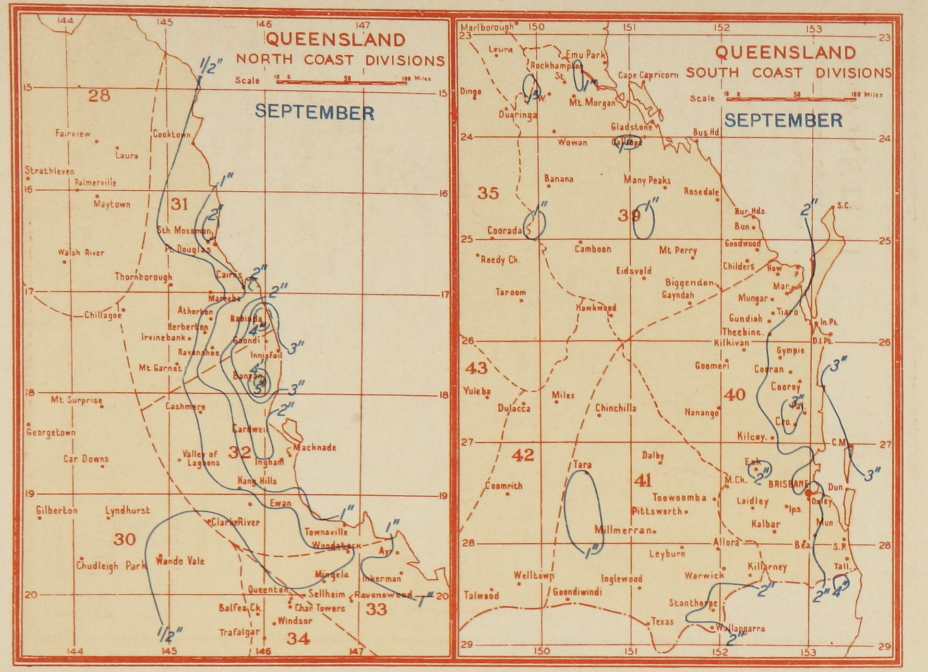

QUEENSLAND
SOUTH COAST DIVISIONS
AUGUST
Scale
Marlborough
Leura
Emu Park
Rockhampton
Cape Capricorn
Dingo
Mt Morgan
Duaringa
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Bur Hds
Bun
Goodwood
Camboon
Mt Perry
Reedy Ck
Childers
Eidsvold
Biggenden
Gayndah
Taroom
Hawkwood
Mungar
Tiaro
Gundiah
Theebine
Kilkivan
Goomeri
Gympie
Cooran
Coorooy
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
Coomrith
Tara
Dalby
Esk
Toowoomba
Pittsworth
Laidley
Ipswich
Kalbar
Millmerran
Allora
Leyburn
Warwick
Killarney
Talwood
Goondiwindi
Inglewood
Stanthorpe
Texas
Wallangarra
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QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
MAY
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

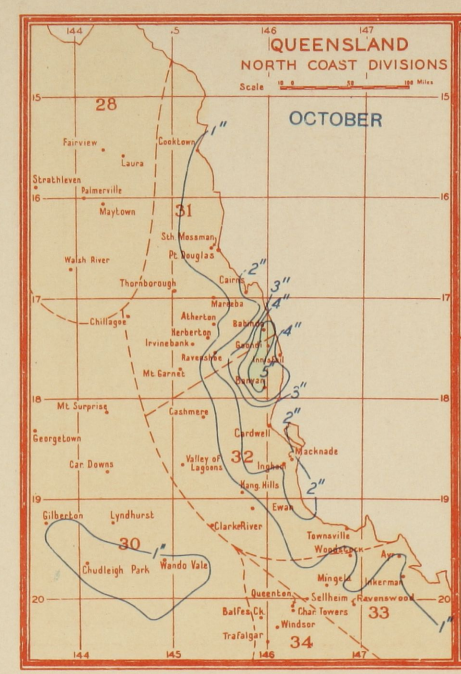

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
JUNE
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

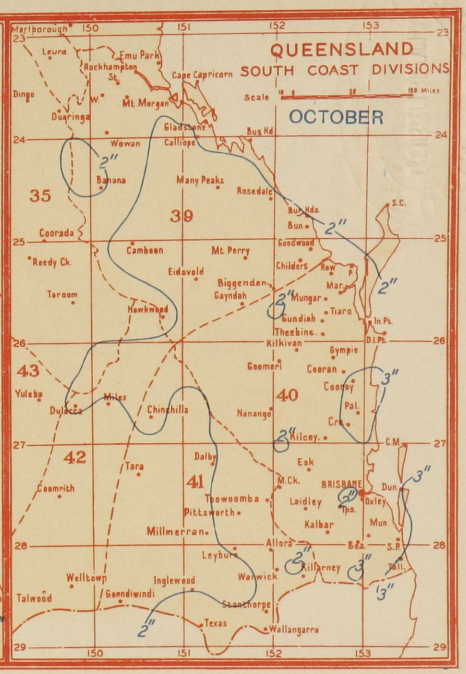

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
JULY
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

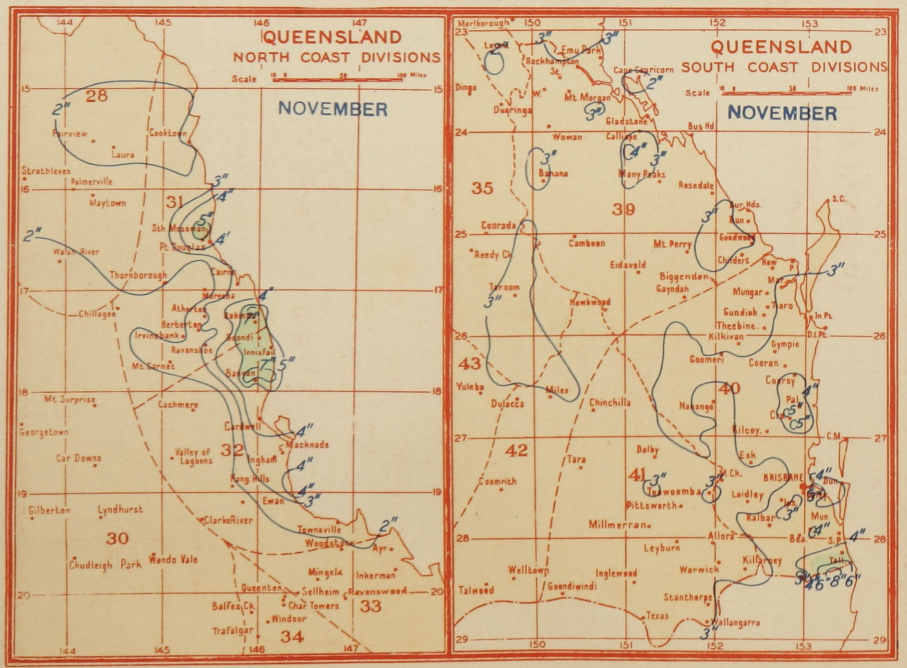

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
AUGUST
NOTE.—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)


QUEENSLAND
NORTH COAST DIVISIONS
SEPTEMBER
Scale
Cooktown
Laura
Fairview
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Cairns
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mareeba
Babinda
Gordonvale
Innisfail
Mt Garnet
Dimbulah
Mt Surprise
Cashmere
Georgetown
Car Downs
Cardwell
Valley of Lagoons
Ingham
Macknade
Kang Hills
Gilberton
Lyndhurst
Ewan
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chas Towers
Windsor
Trafalgar
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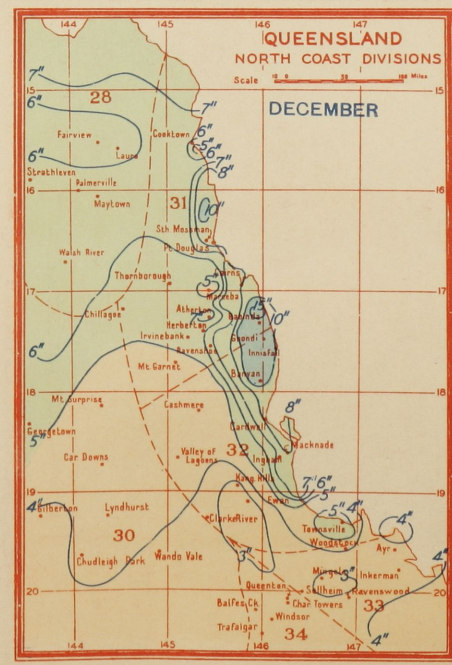
QUEENSLAND
SOUTH COAST DIVISIONS
SEPTEMBER
Scale
Marlborough
Leura
Rockhampton
Emu Park
Cape Capricorn
Dingo
Duaringa
Mt Morgan
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Camboon
Mt Perry
Goodwood
Bur Hds
Bun
Reedy Ck
Eidsvold
Childers
Taroom
Hawkwood
Biggenden
Gayndah
Mungar
Tiaro
Gundiah
Theebine
In Pt
Kilkivan
Gympie
D I Pt
Goomeri
Cooran
Cooroy
Pal
Cro
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
C M
Cosmoth
Tara
Dalby
Esk
M Ck
BRISBANE
Dun
Oxley
Ipsw
Laidley
Toowoomba
Pittsworth
Kalbar
Mun
Millmerran
Leyburn
Allora
Bas
S P
Warwick
Killarney
Tail
Wellstown
Inglewood
Goondiwindi
Talwood
Stanthorpe
Texas
Wallangarra
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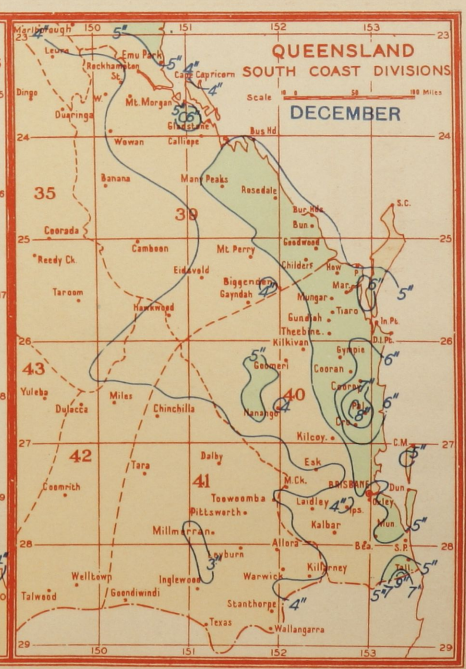

QUEENSLAND
NORTH COAST DIVISIONS
OCTOBER
Scale
Cooktown
Laura
Fairview
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Cairns
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mareeba
Babinda
Gordonvale
Innisfail
Mt Garnet
Dimbulah
Mt Surprise
Cashmere
Georgetown
Car Downs
Cardwell
Valley of Lagoons
Ingham
Macknade
Kang Hills
Gilberton
Lyndhurst
Ewan
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chas Towers
Windsor
Trafalgar
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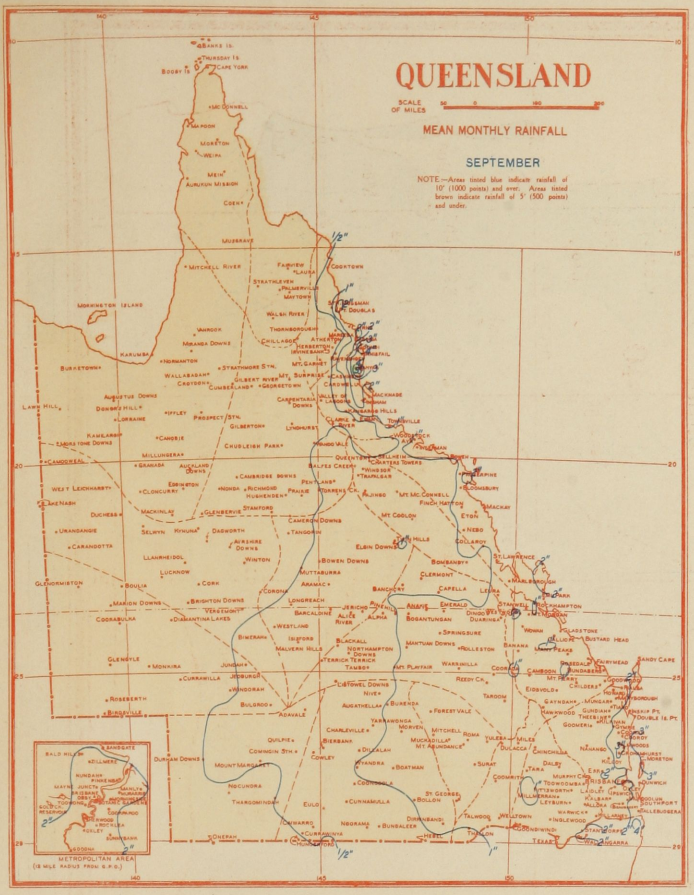

QUEENSLAND
SOUTH COAST DIVISIONS
OCTOBER
Scale
Marlborough
Leura
Rockhampton
Emu Park
Cape Capricorn
Dingo
Duaringa
Mt Morgan
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Camboon
Mt Perry
Goodwood
Bur Hds
Bun
Reedy Ck
Eidsvold
Childers
Taroom
Hawkwood
Biggenden
Gayndah
Mungar
Tiaro
Gundiah
Theebine
In Pt
Kilkivan
Gympie
D I Pt
Goomeri
Cooran
Cooroy
Pal
Cro
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
C M
Cosmoth
Tara
Dalby
Esk
M Ck
BRISBANE
Dun
Oxley
Ipsw
Laidley
Toowoomba
Pittsworth
Kalbar
Mun
Millmerran
Leyburn
Allora
Bas
S P
Warwick
Killarney
Tail
Wellstown
Inglewood
Goondiwindi
Talwood
Stanthorpe
Texas
Wallangarra
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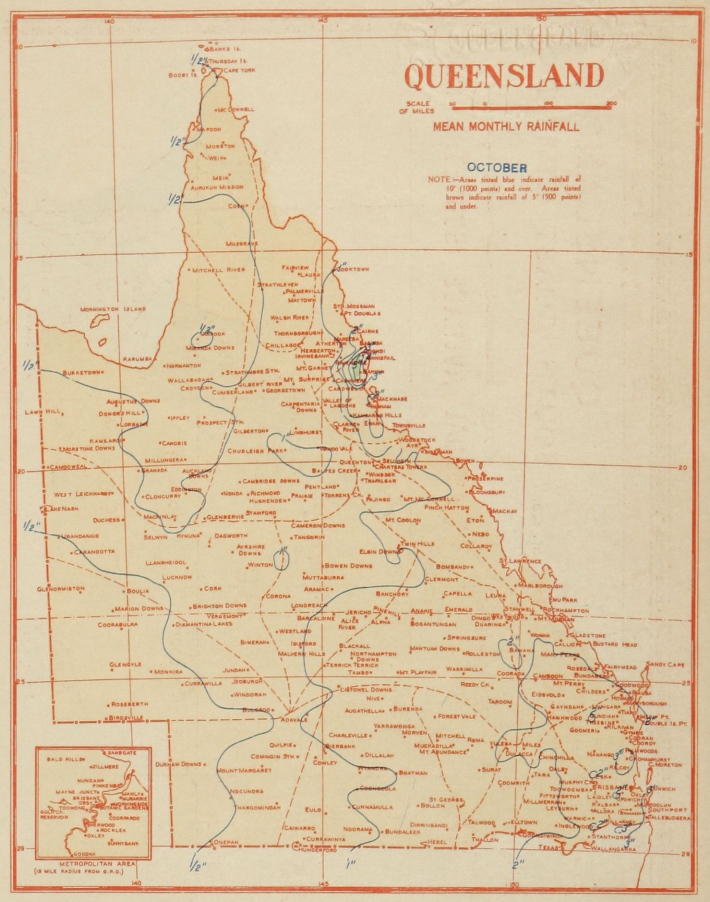

QUEENSLAND
NORTH COAST DIVISIONS
NOVEMBER
Scale
Cooktown
Laura
Fairview
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Cairns
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mareeba
Babinda
Gordonvale
Innisfail
Mt Garnet
Dimbulah
Mt Surprise
Cashmere
Georgetown
Car Downs
Cardwell
Valley of Lagoons
Ingham
Macknade
Kang Hills
Gilberton
Lyndhurst
Ewan
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chas Towers
Windsor
Trafalgar
28
31
30
32
33
34

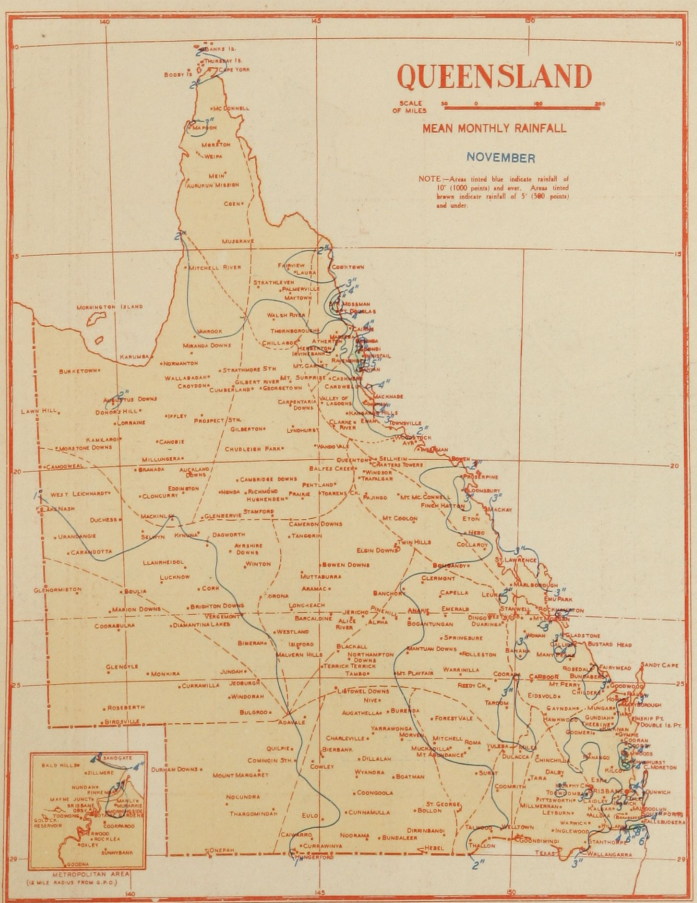
QUEENSLAND
SOUTH COAST DIVISIONS
NOVEMBER
Scale
Marlborough
Leura
Rockhampton
Emu Park
Cape Capricorn
Dingo
Duaringa
Mt Morgan
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
Camboon
Mt Perry
Goodwood
Bur Hds
Bun
Reedy Ck
Eidsvold
Childers
Taroom
Hawkwood
Biggenden
Gayndah
Mungar
Tiaro
Gundiah
Theebine
In Pt
Kilkivan
Gympie
D I Pt
Goomeri
Cooran
Cooroy
Pal
Cro
Yuleba
Dulacca
Miles
Chinchilla
Nanango
Kilcoy
C M
Cosmoth
Tara
Dalby
Esk
M Ck
BRISBANE
Dun
Oxley
Ipsw
Laidley
Toowoomba
Pittsworth
Kalbar
Mun
Millmerran
Leyburn
Allora
Bas
S P
Warwick
Killarney
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Inglewood
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Talwood
Stanthorpe
Texas
Wallangarra
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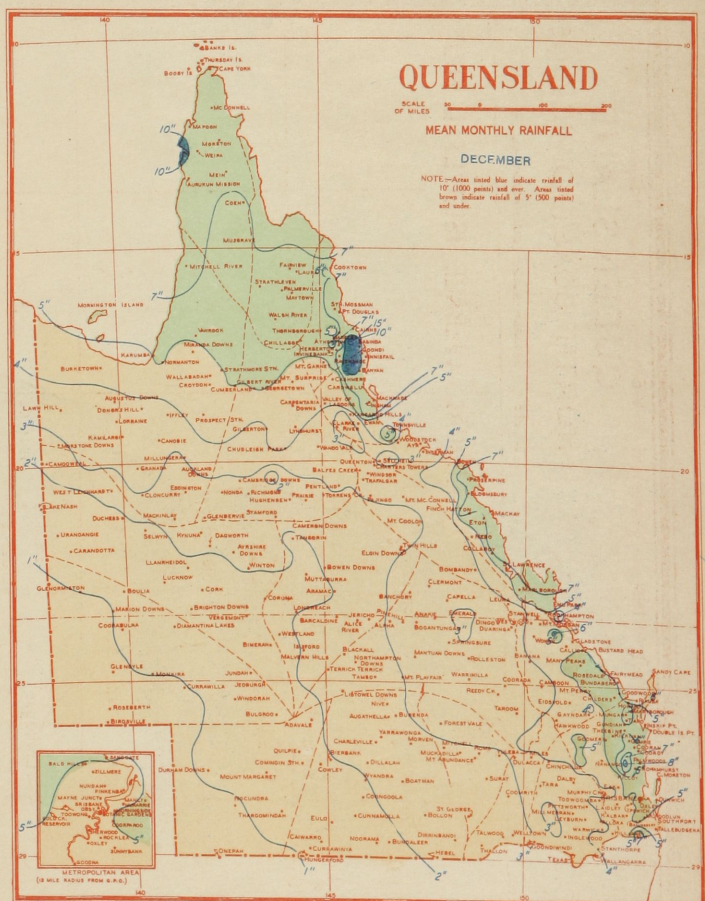

QUEENSLAND
NORTH COAST DIVISIONS
DECEMBER
Scale
Cooktown
Laura
Fairview
Strathleven
Palmerville
Maytown
Sth Mossman
Pt Douglas
Walsh River
Thornborough
Cairns
Chillagoe
Atherton
Herberton
Irvinebank
Ravenshoe
Mareeba
Babinda
Gordonvale
Innisfail
Mt Garnet
Dimbulah
Mt Surprise
Cashmere
Georgetown
Car Downs
Cardwell
Valley of Lagoons
Ingham
Macknade
Kang Hills
Gilberton
Lyndhurst
Ewan
Clarke River
Townsville
Woodstock
Ayr
Chudleigh Park
Wando Vale
Mingela
Inkerman
Queenton
Sellheim
Ravenswood
Balfes Ck
Chas Towers
Windsor
Trafalgar
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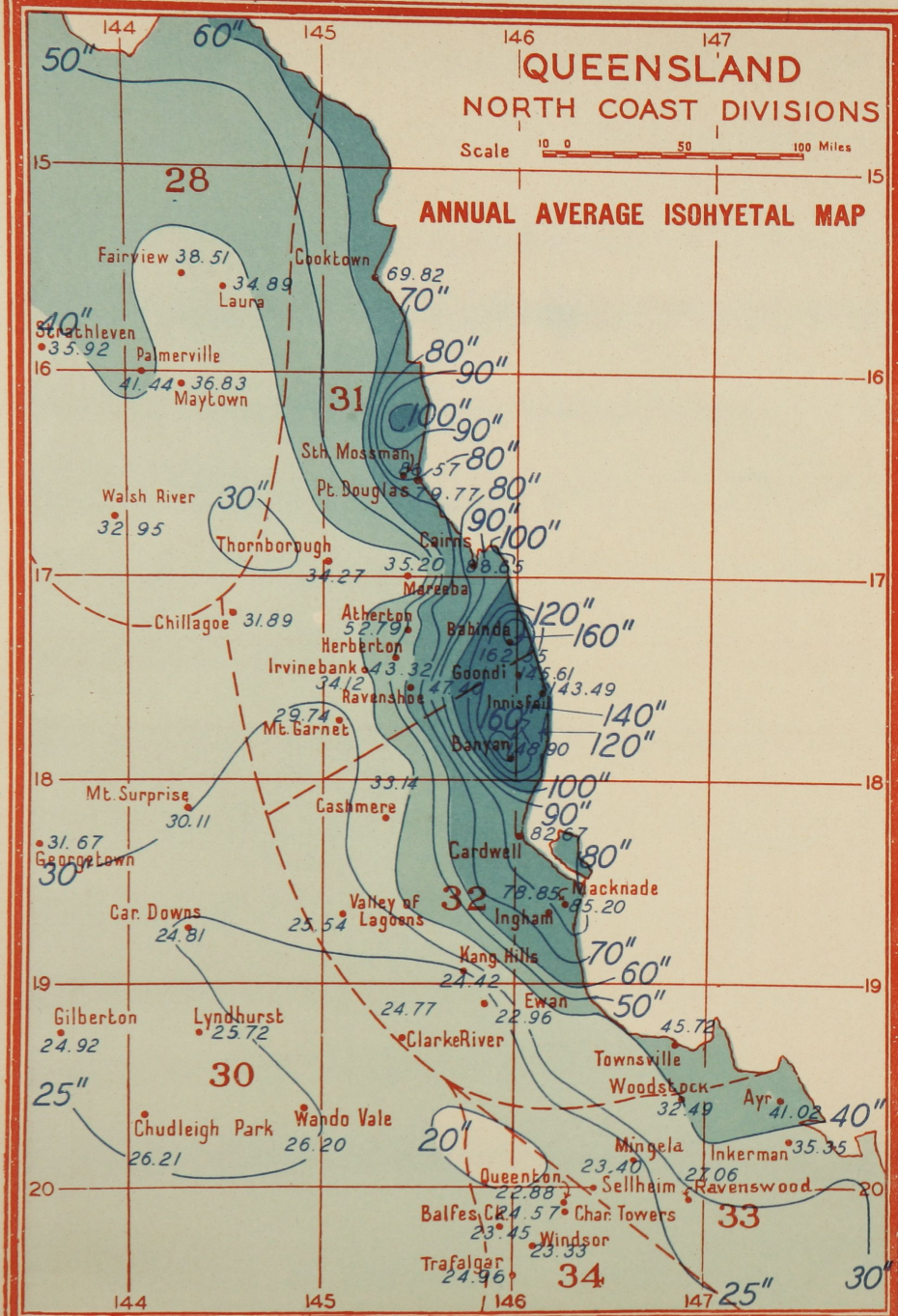

QUEENSLAND
SOUTH COAST DIVISIONS
DECEMBER
Scale
Marlborough
Leura
Rockhampton
Emu Park
Cape Capricorn
Dingo
Duaringa
Mt Morgan
Gladstone
Bus Hd
Wowan
Calliope
Banana
Many Peaks
Rosedale
Coorada
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Mt Perry
Goodwood
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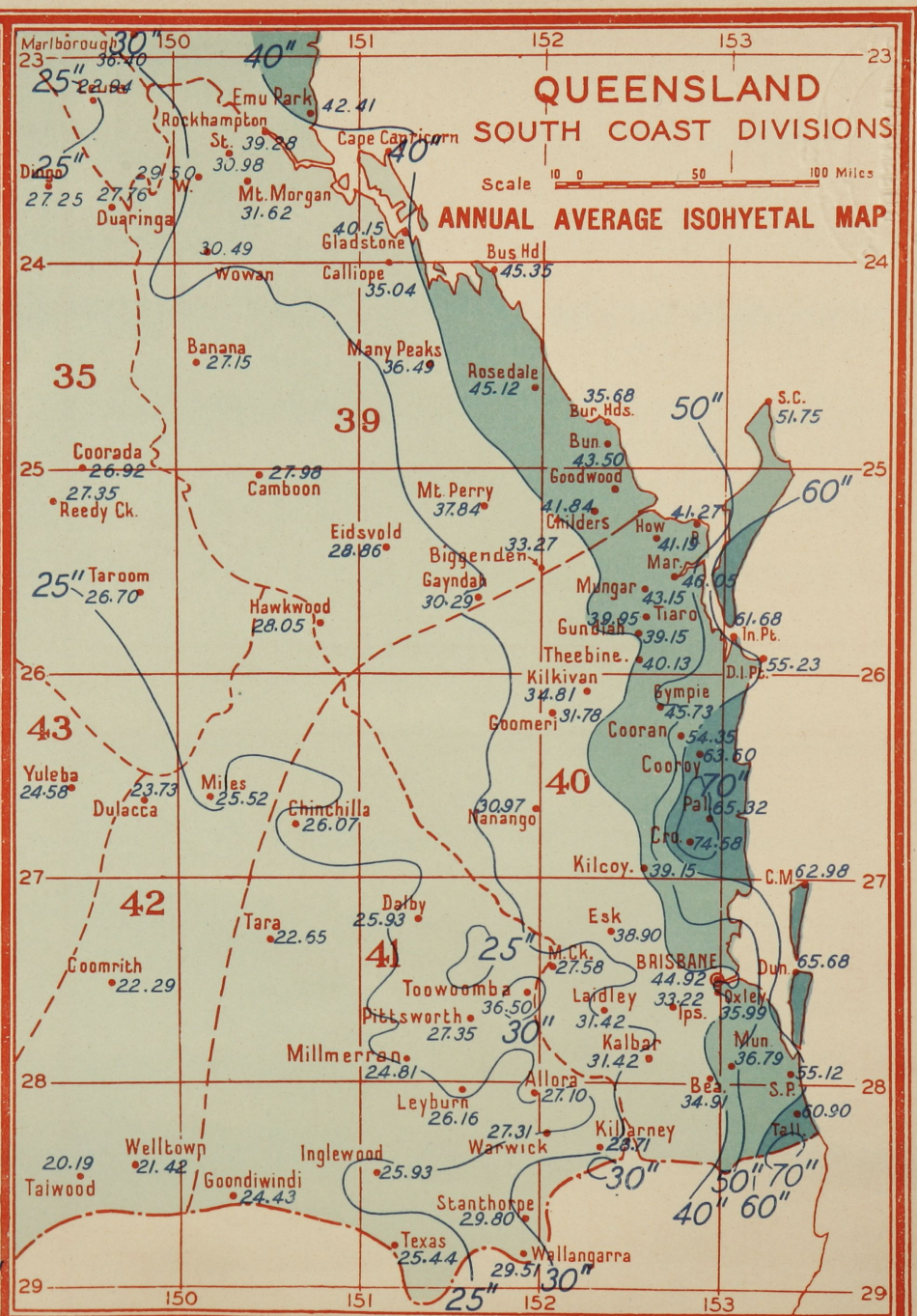

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
SEPTEMBER
NOTE—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)


QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
OCTOBER
NOTE—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)

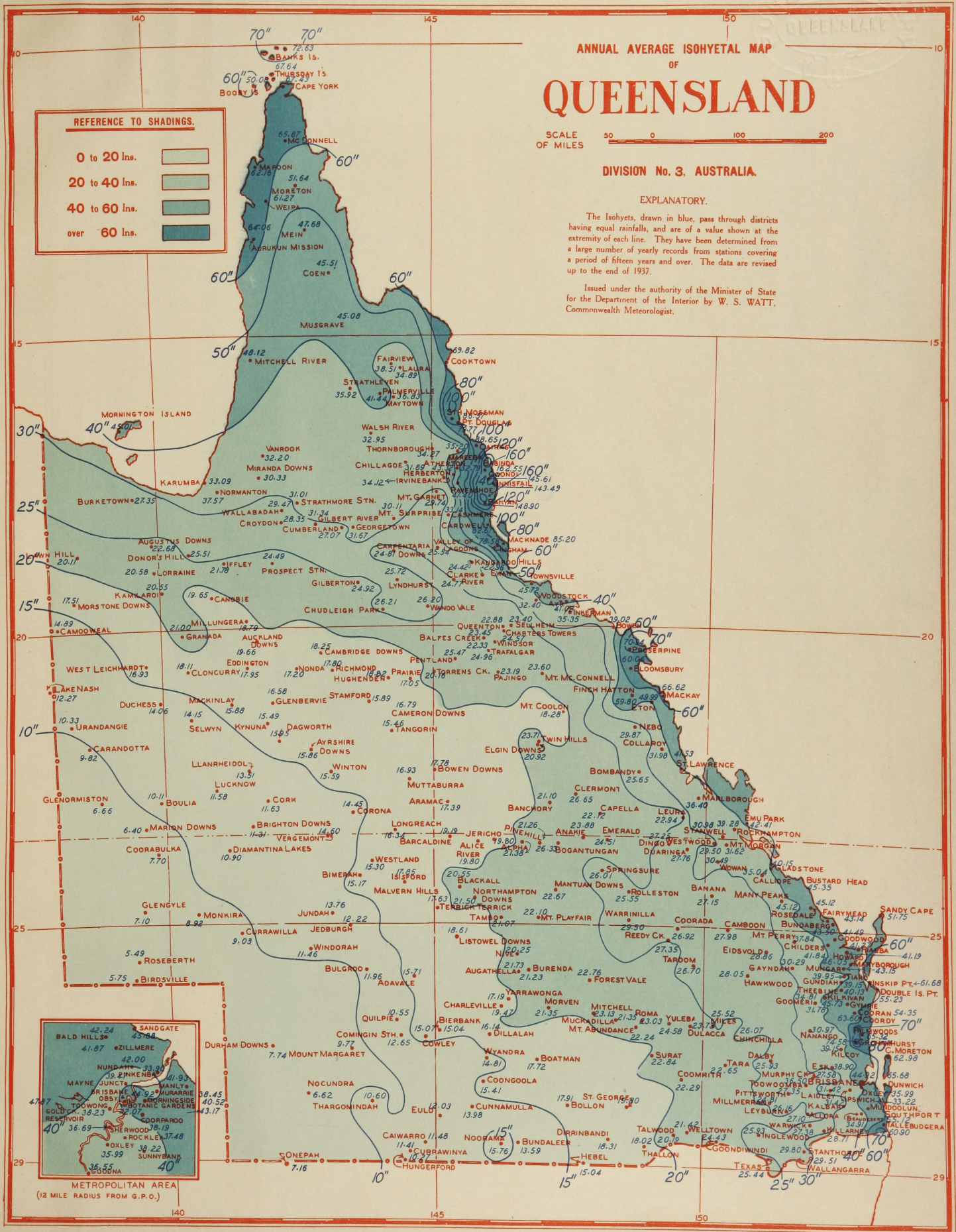

QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
NOVEMBER
NOTE—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)


QUEENSLAND
SCALE OF MILES
MEAN MONTHLY RAINFALL
DECEMBER
NOTE—Areas tinted blue indicate rainfall of 10" (1000 points) and over. Areas tinted brown indicate rainfall of 5" (500 points) and under.
METROPOLITAN AREA
(18 MILE RADIUS FROM G.P.O.)





REFERENCE TO SHADINGS. 20 to 40 in. 40 to 60 in. 60 to 100 in. Over 100 in.


ANNUAL AVERAGE ISOHYETAL MAP
OF
QUEENSLAND
SCALE OF MILES 50 0 100 200
DIVISION No. 3, AUSTRALIA.
EXPLANATORY.
The Isohyets, drawn in blue, pass through districts having equal rainfalls, and are of a value shown at the extremity of each line. They have been determined from a large number of yearly records from stations covering a period of fifteen years and over. The data are revised up to the end of 1937.
Issued under the authority of the Minister of State for the Department of the Interior by W. S. WATT, Commonwealth Meteorologist.
REFERENCE TO SHADINGS.
0 to 20 Ins.
20 to 40 Ins.
40 to 60 Ins.
over 60 Ins.
METROPOLITAN AREA
(12 MILE RADIUS FROM G.P.O.)

State Library South Bank Collections
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Results of rainfall observations made in Queensland district 40 (South coast - Moreton) : including rainfall tables,
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